

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M245</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

## 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 Product name: Murine M-CSF Mini ABTS ELISA Development Kit**  
**Components: Goat Anti-Murine M-CSF, Biotinylated Goat Anti-Murine M-CSF, Recombinant Murine M-CSF, and Avidin-HRP Conjugate.**
- 1.2 Catalog # / Part number: 900-M245**

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

## 2.0 HAZARDS IDENTIFICATION

- 2.1 Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

Алматы (7273)495-231  
 Ангарск (3955)60-70-56  
 Архангельск (8182)63-90-72  
 Астрахань (8512)99-46-04  
 Барнаул (3852)73-04-60  
 Белгород (4722)40-23-64  
 Благовещенск (4162)22-76-07  
 Брянск (4832)59-03-52  
 Владивосток (423)249-28-31  
 Владикавказ (8672)28-90-48  
 Владимир (4922)49-43-18  
 Волгоград (844)278-03-48  
 Вологда (8172)26-41-59  
 Воронеж (473)204-51-73  
 Екатеринбург (343)384-55-89

Иваново (4932)77-34-06  
 Ижевск (3412)26-03-58  
 Иркутск (395)279-98-46  
 Казань (843)206-01-48  
 Калининград (4012)72-03-81  
 Калуга (4842)92-23-67  
 Кемерово (3642)65-04-62  
 Киров (8332)68-02-04  
 Коломна (4966)23-41-49  
 Кострома (4942)77-07-48  
 Краснодар (861)203-40-90  
 Красноярск (391)204-63-61  
 Курск (4712)77-13-04  
 Курган (3522)50-90-47  
 Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13  
 Москва (495)268-04-70  
 Мурманск (8152)59-64-93  
 Набережные Челны (8552)20-53-41  
 Нижний Новгород (831)429-08-12  
 Новокузнецк (3843)20-46-81  
 Ноябрьск (3496)41-32-12  
 Новосибирск (383)227-86-73  
 Омск (3812)21-46-40  
 Орел (4862)44-53-42  
 Оренбург (3532)37-68-04  
 Пенза (8412)22-31-16  
 Петрозаводск (8142)55-98-37  
 Псков (8112)59-10-37  
 Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15  
 Рязань (4912)46-61-64  
 Самара (846)206-03-16  
 Саранск (8342)22-96-24  
 Санкт-Петербург (812)309-46-40  
 Саратов (845)249-38-78  
 Севастополь (8692)22-31-93  
 Симферополь (3652)67-13-56  
 Смоленск (4812)29-41-54  
 Сочи (862)225-72-31  
 Ставрополь (8652)20-65-13  
 Сургут (3462)77-98-35  
 Сыктывкар (8212)25-95-17  
 Тамбов (4752)50-40-97  
 Тверь (4822)63-31-35

Тольятти (8482)63-91-07  
 Томск (3822)98-41-53  
 Тула (4872)33-79-87  
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 Ульяновск (8422)24-23-59  
 Улан-Удэ (3012)59-97-51  
 Уфа (347)229-48-12  
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 Чебоксары (8352)28-53-07  
 Челябинск (351)202-03-61  
 Череповец (8202)49-02-64  
 Чита (3022)38-34-83  
 Якутск (4112)23-90-97  
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<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M245</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

- 2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.
- 2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

- 5.1 **Classification of substance or mixture:** The product is non-flammable.
- 5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
- 6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

- 7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.
- 7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.
- 7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M245</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M245</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K179</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name: Murine EGF Standard ABTS ELISA Development Kit**  
**Components: Goat Anti-Murine EGF, Biotinylated Goat Anti-Murine EGF, Recombinant Murine EGF, and Avidin-HRP Conjugate.**
- 1.2 **Catalog # / Part number: 900-K179**

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K179</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

- 2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.
- 2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

- 5.1 **Classification of substance or mixture:** The product is non-flammable.
- 5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
- 6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

- 7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.
- 7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.
- 7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K179</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K179</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K68</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name: Murine Eotaxin (CCL11) Standard ABTS ELISA Development Kit**  
**Components: Rabbit Anti-Murine Eotaxin (CCL11), Biotinylated Rabbit Anti-Murine Eotaxin (CCL11), Recombinant Murine Eotaxin (CCL11), and Avidin-HRP Conjugate.**
- 1.2 **Catalog # / Part number: 900-K68**

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K68</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

**2.3 GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

**2.4 Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

**3.1 Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

**4.1 Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

**5.1 Classification of substance or mixture:** The product is non-flammable.

**5.2 Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.3 Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

**6.1 Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

**6.2 Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

**7.1 Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

**7.2 Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

**7.3 Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K68</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K68</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 **Materials to avoid:** Strong oxidizing agents
- 10.4 **Hazardous decomposition:** None determined
- 10.5 **Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

#### 11.1 Potential health effects:

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 **Ecotoxicity:** Undetermined
- 12.2 **Biodegradability:** Undetermined
- 12.3 **Mobility:** Undetermined
- 12.4 **Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 **Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

#### 14.1 Transport information:

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K47</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine IL-1 $\beta$  Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine IL-1 $\beta$ , Biotinylated Rabbit Anti-Murine IL-1 $\beta$ , Recombinant Murine IL-1 $\beta$ , and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K47

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K47</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K47</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

Title: SAFETY DATA SHEET		Effective Date: 10/07/2020
SDS Number: 25-900-K47	Revision: D	Page 4 of 5

- 10.3 **Materials to avoid:** Strong oxidizing agents
- 10.4 **Hazardous decomposition:** None determined
- 10.5 **Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

11.1 **Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 **Ecotoxicity:** Undetermined
- 12.2 **Biodegradability:** Undetermined
- 12.3 **Mobility:** Undetermined
- 12.4 **Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 **Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

14.1 **Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K48</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine IL-3 Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine IL-3, Biotinylated Rabbit Anti-Murine IL-3, Recombinant Murine IL-3, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K48

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K48</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K48</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K48</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K49</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine IL-4 Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine IL-4, Biotinylated Rabbit Anti-Murine IL-4, Recombinant Murine IL-4, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K49

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K49</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K49</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K49</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K50</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine IL-6 Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine IL-6, Biotinylated Rabbit Anti-Murine IL-6, Recombinant Murine IL-6, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K50

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K50</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

- 2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.
- 2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

- 5.1 **Classification of substance or mixture:** The product is non-flammable.
- 5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
- 6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

- 7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.
- 7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.
- 7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K50</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K50</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K53</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name: Murine IL-10 Standard ABTS ELISA Development Kit**  
**Components: Rabbit Anti-Murine IL-10, Biotinylated Rabbit Anti-Murine IL-10, Recombinant Murine IL-10, and Avidin-HRP Conjugate.**
- 1.2 **Catalog # / Part number: 900-K53**

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K53</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

- 2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.
- 2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

- 5.1 **Classification of substance or mixture:** The product is non-flammable.
- 5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
- 6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

- 7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.
- 7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.
- 7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K53</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K53</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K54</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine TNF- $\alpha$  Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine TNF- $\alpha$ , Biotinylated Rabbit Anti-Murine TNF- $\alpha$ , Recombinant Murine TNF- $\alpha$ , and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K54

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K54</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K54</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K54</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K55</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name: Murine GM-CSF Standard ABTS ELISA Development Kit**  
**Components: Rabbit Anti-Murine GM-CSF, Biotinylated Rabbit Anti-Murine GM-CSF, Recombinant Murine GM-CSF, and Avidin-HRP Conjugate.**
- 1.2 **Catalog # / Part number: 900-K55**

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K55</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

- 2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.
- 2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

- 5.1 **Classification of substance or mixture:** The product is non-flammable.
- 5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
- 6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

- 7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.
- 7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.
- 7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K55</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K55</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K76</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine Leptin Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine Leptin, Biotinylated Rabbit Anti-Murine Leptin, Recombinant Murine Leptin, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K76

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K76</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

- 2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.
- 2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

- 5.1 **Classification of substance or mixture:** The product is non-flammable.
- 5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
- 6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

- 7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.
- 7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.
- 7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K76</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K76</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K78</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name: Murine SCF Standard ABTS ELISA Development Kit**  
**Components: Rabbit Anti-Murine SCF, Biotinylated Rabbit Anti-Murine SCF, Recombinant Murine SCF, and Avidin-HRP Conjugate.**
- 1.2 **Catalog # / Part number: 900-K78**

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K78</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K78</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K78</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K82</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine IL-1 $\alpha$  Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine IL-1 $\alpha$ , Biotinylated Rabbit Anti-Murine IL-1 $\alpha$ , Recombinant Murine IL-1 $\alpha$ , and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K82

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K82</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K82</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K82</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K97</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine IL-12 Standard ABTS ELISA Development Kit  
**Components:** Rat Anti-Murine IL-12, Biotinylated Goat Anti-Murine IL-12, Recombinant Murine IL-12, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K97

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K97</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

- 2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.
- 2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

- 5.1 **Classification of substance or mixture:** The product is non-flammable.
- 5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
- 6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

- 7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.
- 7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.
- 7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K97</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K97</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 **Materials to avoid:** Strong oxidizing agents
- 10.4 **Hazardous decomposition:** None determined
- 10.5 **Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 **Ecotoxicity:** Undetermined
- 12.2 **Biodegradability:** Undetermined
- 12.3 **Mobility:** Undetermined
- 12.4 **Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 **Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K98</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name: Murine IFN- $\gamma$  Standard ABTS ELISA Development Kit**  
**Components: Rabbit Anti-Murine IFN- $\gamma$ , Biotinylated Rabbit Anti-Murine IFN- $\gamma$ , Recombinant Murine IFN- $\gamma$ , and Avidin-HRP Conjugate.**
- 1.2 **Catalog # / Part number: 900-K98**

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K98</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K98</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K98</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K99</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine VEGF<sub>165</sub> Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine VEGF<sub>165</sub>, Biotinylated Rabbit Anti-Murine VEGF<sub>165</sub>, Recombinant Murine VEGF<sub>165</sub>, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K99

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K99</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K99</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K99</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K103</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine G-CSF Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine G-CSF, Biotinylated Rabbit Anti-Murine G-CSF, Recombinant Murine G-CSF, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K103

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K103</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

- 2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.
- 2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

- 5.1 **Classification of substance or mixture:** The product is non-flammable.
- 5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
- 6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

- 7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.
- 7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.
- 7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K103</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K103</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K108</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine IL-2 Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine IL-2, Biotinylated Rabbit Anti-Murine IL-2, Recombinant Murine IL-2, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K108

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K108</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

- 2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.
- 2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

- 5.1 **Classification of substance or mixture:** The product is non-flammable.
- 5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
- 6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

- 7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.
- 7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.
- 7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K108</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K108</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K123</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine MCP-3 (CCL7) Standard ABTS ELISA Development Kit  
**Components:** Goat Anti-Murine MCP-3 (CCL7), Biotinylated Goat Anti-Murine MCP-3 (CCL7), Recombinant Murine MCP-3 (CCL7), and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K123

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K123</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K123</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K123</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K124</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine RANTES (CCL5) Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine RANTES (CCL5), Biotinylated Rabbit Anti-Murine RANTES (CCL5), Recombinant Murine RANTES (CCL5), and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K124

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K124</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K124</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K124</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



Title: SAFETY DATA SHEET		Effective Date: 10/07/2020
SDS Number: 25-900-K125	Revision: D	Page 1 of 5

**1.0 PRODUCT AND COMPANY INFORMATION**

- 1.1 **Product name:** Murine MIP-1 $\alpha$  (CCL3) Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine MIP-1 $\alpha$  (CCL3), Biotinylated Rabbit Anti-Murine MIP-1 $\alpha$  (CCL3), Recombinant Murine MIP-1 $\alpha$  (CCL3), and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K125

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

**2.0 HAZARDS IDENTIFICATION**

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K125</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K125</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K125</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K126</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine JE/MCP-1 (CCL2) Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine JE/MCP-1 (CCL2), Biotinylated Rabbit Anti-Murine JE/MCP-1 (CCL2), Recombinant Murine JE/MCP-1 (CCL2), and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K126

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K126</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K126</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K126</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K127</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine KC (CXCL1) Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine KC (CXCL1), Biotinylated Rabbit Anti-Murine KC (CXCL1), Recombinant Murine KC (CXCL1), and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K127

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K127</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K127</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K127</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K132</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine Exodus-2 (CCL21) Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine Exodus-2 (CCL21), Biotinylated Rabbit Anti-Murine Exodus-2 (CCL21), Recombinant Murine Exodus-2 (CCL21), and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K132

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K132</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K132</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K132</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K152</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine MIP-2 (CXCL2) Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine MIP-2 (CXCL2), Biotinylated Rabbit Anti-Murine MIP-2 (CXCL2), Recombinant Murine MIP-2 (CXCL2), and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K152

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K152</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

- 2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.
- 2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

- 5.1 **Classification of substance or mixture:** The product is non-flammable.
- 5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
- 6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

- 7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.
- 7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.
- 7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K152</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K152</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K153</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine IP-10 (CXCL10) Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine IP-10 (CXCL10), Biotinylated Rabbit Anti-Murine IP-10 (CXCL10), Recombinant Murine IP-10 (CXCL10), and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K153

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K153</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K153</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K153</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K170</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name: Murine IGF-I Standard ABTS ELISA Development Kit**  
**Components: Goat Anti-Murine IGF-I, Biotinylated Goat Anti-Murine IGF-I, Recombinant Murine IGF-I, and Avidin-HRP Conjugate.**
- 1.2 **Catalog # / Part number: 900-K170**

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K170</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K170</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K170</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K188</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name: Murine IL-15 Standard ABTS ELISA Development Kit**  
**Components: Rabbit Anti-Murine IL-15, Biotinylated Rabbit Anti-Murine IL-15, Recombinant Murine IL-15, and Avidin-HRP Conjugate.**
- 1.2 **Catalog # / Part number: 900-K188**

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K188</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K188</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K188</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K197</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine MDC (CCL22) Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine MDC (CCL22), Biotinylated Rabbit Anti-Murine MDC (CCL22), Recombinant Murine MDC (CCL22), and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K197

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K197</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

- 2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.
- 2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

- 5.1 **Classification of substance or mixture:** The product is non-flammable.
- 5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
- 6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

- 7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.
- 7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.
- 7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K197</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K197</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K207</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name: Murine IL-13 Standard ABTS ELISA Development Kit**  
**Components: Rabbit Anti-Murine IL-13, Biotinylated Rabbit Anti-Murine IL-13, Recombinant Murine IL-13, and Avidin-HRP Conjugate.**
- 1.2 **Catalog # / Part number: 900-K207**

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K207</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K207</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K207</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K233</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine sRANK Ligand Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine sRANK Ligand, Biotinylated Rabbit Anti-Murine sRANK Ligand, Recombinant Murine sRANK Ligand, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K233

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K233</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

- 2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.
- 2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

- 5.1 **Classification of substance or mixture:** The product is non-flammable.
- 5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
- 6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

- 7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.
- 7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.
- 7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K233</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K233</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K245</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name: Murine M-CSF Standard ABTS ELISA Development Kit**  
**Components: Goat Anti-Murine M-CSF, Biotinylated Goat Anti-Murine M-CSF, Recombinant Murine M-CSF, and Avidin-HRP Conjugate.**
- 1.2 **Catalog # / Part number: 900-K245**

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K245</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K245</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K245</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K257</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine IL-22 Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine IL-22, Biotinylated Rabbit Anti-Murine IL-22, Recombinant Murine IL-22, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K257

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K257</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K257</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K257</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K278</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine MIP-1 $\beta$  (CCL4) Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine MIP-1 $\beta$  (CCL4), Biotinylated Rabbit Anti-Murine MIP-1 $\beta$  (CCL4), Recombinant Murine MIP-1 $\beta$  (CCL4), and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K278

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K278</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

- 2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.
- 2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

- 5.1 **Classification of substance or mixture:** The product is non-flammable.
- 5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
- 6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

- 7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.
- 7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.
- 7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K278</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K278</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



Title: SAFETY DATA SHEET		Effective Date: 10/07/2020
SDS Number: 25-900-K368	Revision: D	Page 1 of 5

**1.0 PRODUCT AND COMPANY INFORMATION**

- 1.1 **Product name:** Murine IL-21 Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine IL-21, Biotinylated Rabbit Anti-Murine IL-21, Recombinant Murine IL-21, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K368

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

**2.0 HAZARDS IDENTIFICATION**

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K368</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K368</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K368</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K392</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine IL-17A Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine IL-17A, Biotinylated Rabbit Anti-Murine IL-17A, Recombinant Murine IL-17A, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K392

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K392</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K392</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K392</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



Title: SAFETY DATA SHEET		Effective Date: 10/07/2020
SDS Number: 25-900-K406	Revision: D	Page 1 of 5

**1.0 PRODUCT AND COMPANY INFORMATION**

- 1.1 **Product name:** Murine IL-5 Standard ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine IL-5, Biotinylated Rabbit Anti-Murine IL-5, Recombinant Murine IL-5, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-K406

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

**2.0 HAZARDS IDENTIFICATION**

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K406</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K406</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-K406</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M47</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine IL-1 $\beta$  Mini ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine IL-1 $\beta$ , Biotinylated Rabbit Anti-Murine IL-1 $\beta$ , Recombinant Murine IL-1 $\beta$ , and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-M47

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M47</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M47</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

## 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

## 9.0 CHEMICAL AND PHYSICAL PROPERTIES

### 9.1 Description of chemical and physical properties:

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

## 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M47</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M48</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine IL-3 Mini ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine IL-3, Biotinylated Rabbit Anti-Murine IL-3, Recombinant Murine IL-3, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-M48

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M48</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M48</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M48</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

Title: SAFETY DATA SHEET		Effective Date: 10/07/2020
SDS Number: 25-900-M49	Revision: D	Page 1 of 5

**1.0 PRODUCT AND COMPANY INFORMATION**

- 1.1 **Product name:** Murine IL-4 Mini ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine IL-4, Biotinylated Rabbit Anti-Murine IL-4, Recombinant Murine IL-4, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-M49

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

**2.0 HAZARDS IDENTIFICATION**

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M49</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

- 2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.
- 2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

- 5.1 **Classification of substance or mixture:** The product is non-flammable.
- 5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
- 6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

- 7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.
- 7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.
- 7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M49</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M49</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M50</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine IL-6 Mini ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine IL-6, Biotinylated Rabbit Anti-Murine IL-6, Recombinant Murine IL-6, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-M50

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M50</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

- 2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.
- 2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

- 5.1 **Classification of substance or mixture:** The product is non-flammable.
- 5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
- 6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

- 7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.
- 7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.
- 7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M50</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M50</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M53</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name: Murine IL-10 Mini ABTS ELISA Development Kit**  
**Components: Rabbit Anti-Murine IL-10, Biotinylated Rabbit Anti-Murine IL-10, Recombinant Murine IL-10, and Avidin-HRP Conjugate.**
- 1.2 **Catalog # / Part number: 900-M53**

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M53</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M53</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M53</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M54</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine TNF- $\alpha$  Mini ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine TNF- $\alpha$ , Biotinylated Rabbit Anti-Murine TNF- $\alpha$ , Recombinant Murine TNF- $\alpha$ , and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-M54

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M54</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M54</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M54</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M55</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name: Murine GM-CSF Mini ABTS ELISA Development Kit**  
**Components: Rabbit Anti-Murine GM-CSF, Biotinylated Rabbit Anti-Murine GM-CSF, Recombinant Murine GM-CSF, and Avidin-HRP Conjugate.**
- 1.2 **Catalog # / Part number: 900-M55**

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M55</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M55</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M55</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M76</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine Leptin Mini ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine Leptin, Biotinylated Rabbit Anti-Murine Leptin, Recombinant Murine Leptin, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-M76

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M76</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

- 2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.
- 2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

- 5.1 **Classification of substance or mixture:** The product is non-flammable.
- 5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
- 6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

- 7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.
- 7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.
- 7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M76</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M76</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M82</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine IL-1 $\alpha$  Mini ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine IL-1 $\alpha$ , Biotinylated Rabbit Anti-Murine IL-1 $\alpha$ , Recombinant Murine IL-1 $\alpha$ , and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-M82

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M82</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M82</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M82</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M97</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine IL-12 Mini ABTS ELISA Development Kit  
**Components:** Rat Anti-Murine IL-12, Biotinylated Goat Anti-Murine IL-12, Recombinant Murine IL-12, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-M97

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M97</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

- 2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.
- 2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

- 5.1 **Classification of substance or mixture:** The product is non-flammable.
- 5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
- 6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

- 7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.
- 7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.
- 7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M97</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M97</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 **Materials to avoid:** Strong oxidizing agents
- 10.4 **Hazardous decomposition:** None determined
- 10.5 **Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

#### 11.1 Potential health effects:

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 **Ecotoxicity:** Undetermined
- 12.2 **Biodegradability:** Undetermined
- 12.3 **Mobility:** Undetermined
- 12.4 **Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 **Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

#### 14.1 Transport information:

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M98</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine IFN- $\gamma$  Mini ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine IFN- $\gamma$ , Biotinylated Rabbit Anti-Murine IFN- $\gamma$ , Recombinant Murine IFN- $\gamma$ , and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-M98

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M98</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M98</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M98</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M99</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name: Murine VEGF<sub>165</sub> Mini ABTS ELISA Development Kit**  
**Components: Rabbit Anti-Murine VEGF<sub>165</sub>, Biotinylated Rabbit Anti-Murine VEGF<sub>165</sub>, Recombinant Murine VEGF<sub>165</sub>, and Avidin-HRP Conjugate.**
- 1.2 **Catalog # / Part number: 900-M99**

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M99</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

- 2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.
- 2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

- 5.1 **Classification of substance or mixture:** The product is non-flammable.
- 5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
- 6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

- 7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.
- 7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.
- 7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M99</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M99</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M103</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name: Murine G-CSF Mini ABTS ELISA Development Kit**  
**Components: Rabbit Anti-Murine G-CSF, Biotinylated Rabbit Anti-Murine G-CSF, Recombinant Murine G-CSF, and Avidin-HRP Conjugate.**
- 1.2 **Catalog # / Part number: 900-M103**

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M103</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M103</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M103</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M108</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine IL-2 Mini ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine IL-2, Biotinylated Rabbit Anti-Murine IL-2, Recombinant Murine IL-2, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-M108

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M108</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

- 2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.
- 2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

- 5.1 **Classification of substance or mixture:** The product is non-flammable.
- 5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
- 6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

- 7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.
- 7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.
- 7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M108</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M108</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M124</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine RANTES (CCL5) Mini ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine RANTES (CCL5), Biotinylated Rabbit Anti-Murine RANTES (CCL5), Recombinant Murine RANTES (CCL5), and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-M124

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M124</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M124</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M124</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M125</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine MIP-1 $\alpha$  (CCL3) Mini ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine MIP-1 $\alpha$  (CCL3), Biotinylated Rabbit Anti-Murine MIP-1 $\alpha$  (CCL3), Recombinant Murine MIP-1 $\alpha$  (CCL3), and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-M125

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M125</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M125</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M125</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M126</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name: Murine JE/MCP-1 (CCL2) Mini ABTS ELISA Development Kit**  
**Components: Rabbit Anti-Murine JE/MCP-1 (CCL2), Biotinylated Rabbit Anti-Murine JE/MCP-1 (CCL2), Recombinant Murine JE/MCP-1 (CCL2), and Avidin-HRP Conjugate.**
- 1.2 **Catalog # / Part number: 900-M126**

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M126</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

#### 4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M126</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M126</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M127</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine KC (CXCL1) Mini ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine KC (CXCL1), Biotinylated Rabbit Anti-Murine KC (CXCL1), Recombinant Murine KC (CXCL1), and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-M127

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M127</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M127</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M127</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M132</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine Exodus-2 (CCL21) Mini ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine Exodus-2 (CCL21), Biotinylated Rabbit Anti-Murine Exodus-2 (CCL21), Recombinant Murine Exodus-2 (CCL21), and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-M132

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M132</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M132</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M132</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M152</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine MIP-2 (CXCL2) Mini ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine MIP-2 (CXCL2), Biotinylated Rabbit Anti-Murine MIP-2 (CXCL2), Recombinant Murine MIP-2 (CXCL2), and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-M152

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M152</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

- 2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.
- 2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

- 5.1 **Classification of substance or mixture:** The product is non-flammable.
- 5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
- 6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

- 7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.
- 7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.
- 7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M152</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M152</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M153</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine IP-10 (CXCL10) Mini ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine IP-10 (CXCL10), Biotinylated Rabbit Anti-Murine IP-10 (CXCL10), Recombinant Murine IP-10 (CXCL10), and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-M153

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M153</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M153</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M153</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M170</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine IGF-I Mini ABTS ELISA Development Kit  
**Components:** Goat Anti-Murine IGF-I, Biotinylated Goat Anti-Murine IGF-I, Recombinant Murine IGF-I, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-M170

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M170</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M170</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M170</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

Title: SAFETY DATA SHEET		Effective Date: 10/07/2020
SDS Number: 25-900-M188	Revision: D	Page 1 of 5

**1.0 PRODUCT AND COMPANY INFORMATION**

- 1.1 **Product name:** Murine IL-15 Mini ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine IL-15, Biotinylated Rabbit Anti-Murine IL-15, Recombinant Murine IL-15, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-M188

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

**2.0 HAZARDS IDENTIFICATION**

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

Title: SAFETY DATA SHEET		Effective Date: 10/07/2020
SDS Number: 25-900-M188	Revision: D	Page 2 of 5

- 2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.
- 2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

- 5.1 **Classification of substance or mixture:** The product is non-flammable.
- 5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
- 6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

- 7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.
- 7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.
- 7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M188</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M188</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M207</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name: Murine IL-13 Mini ABTS ELISA Development Kit**  
**Components: Rabbit Anti-Murine IL-13, Biotinylated Rabbit Anti-Murine IL-13, Recombinant Murine IL-13, and Avidin-HRP Conjugate.**
- 1.2 **Catalog # / Part number: 900-M207**

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M207</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M207</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M207</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M233</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine sRANK Ligand Mini ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine sRANK Ligand, Biotinylated Rabbit Anti-Murine sRANK Ligand, Recombinant Murine sRANK Ligand, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-M233

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M233</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

#### 4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M233</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M233</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M257</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

## 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 Product name: Murine IL-22 Mini ABTS ELISA Development Kit**  
**Components: Rabbit Anti-Murine IL-22, Biotinylated Rabbit Anti-Murine IL-22, Recombinant Murine IL-22, and Avidin-HRP Conjugate.**
- 1.2 Catalog # / Part number: 900-M257**

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

## 2.0 HAZARDS IDENTIFICATION

- 2.1 Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

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 Ноябрьск (3496)41-32-12  
 Новосибирск (383)227-86-73  
 Омск (3812)21-46-40  
 Орел (4862)44-53-42  
 Оренбург (3532)37-68-04  
 Пенза (8412)22-31-16  
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 Симферополь (3652)67-13-56  
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 Тверь (4822)63-31-35

Тольятти (8482)63-91-07  
 Томск (3822)98-41-53  
 Тула (4872)33-79-87  
 Тюмень (3452)66-21-18  
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<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M257</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M257</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M257</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M278</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

## 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 Product name: Murine MIP-1 $\beta$  (CCL4) Mini ABTS ELISA Development Kit**  
**Components: Rabbit Anti-Murine MIP-1 $\beta$  (CCL4), Biotinylated Rabbit Anti-Murine MIP-1 $\beta$  (CCL4), Recombinant Murine MIP-1 $\beta$  (CCL4), and Avidin-HRP Conjugate.**
- 1.2 Catalog # / Part number: 900-M278**

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

## 2.0 HAZARDS IDENTIFICATION

- 2.1 Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

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 Ставрополь (8652)20-65-13  
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 Тамбов (4752)50-40-97  
 Тверь (4822)63-31-35

Тольятти (8482)63-91-07  
 Томск (3822)98-41-53  
 Тула (4872)33-79-87  
 Тюмень (3452)66-21-18  
 Ульяновск (8422)24-23-59  
 Улан-Удэ (3012)59-97-51  
 Уфа (347)229-48-12  
 Хабаровск (4212)92-98-04  
 Чебоксары (8352)28-53-07  
 Челябинск (351)202-03-61  
 Череповец (8202)49-02-64  
 Чита (3022)38-34-83  
 Якутск (4112)23-90-97  
 Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M278</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M278</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M278</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M368</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name: Murine IL-21 Mini ABTS ELISA Development Kit**  
**Components: Rabbit Anti-Murine IL-21, Biotinylated Rabbit Anti-Murine IL-21, Recombinant Murine IL-21, and Avidin-HRP Conjugate.**
- 1.2 **Catalog # / Part number: 900-M368**

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M368</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M368</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M368</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M392</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

### 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 **Product name:** Murine IL-17A Mini ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine IL-17A, Biotinylated Rabbit Anti-Murine IL-17A, Recombinant Murine IL-17A, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-M392

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

### 2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M392</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M392</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M392</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.



Title: SAFETY DATA SHEET		Effective Date: 10/07/2020
SDS Number: 25-900-M406	Revision: D	Page 1 of 5

**1.0 PRODUCT AND COMPANY INFORMATION**

- 1.1 **Product name:** Murine IL-5 Mini ABTS ELISA Development Kit  
**Components:** Rabbit Anti-Murine IL-5, Biotinylated Rabbit Anti-Murine IL-5, Recombinant Murine IL-5, and Avidin-HRP Conjugate.
- 1.2 **Catalog # / Part number:** 900-M406

**Application of the substance or mixture:** Not for human use.

**Other product information:** This product has not been registered with CHEMTREC (USA)

**2.0 HAZARDS IDENTIFICATION**

- 2.1 **Classification of substance or mixture:** Not a hazardous substance or mixture.
- 2.2 **GHS classification:** Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M406</b>	<b>Revision: D</b>	<b>Page 2 of 5</b>

2.3 **GHS labeling:** Does not need to be labeled in accordance with EC directives or respective national laws.

2.4 **Special hazards:** None

### 3.0 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 **Ingredients:** This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

### 4.0 FIRST AID MEASURES

4.1 **Description of first aid measures:**

**Eye contact:** May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**Skin contact:** May cause skin irritation. Immediately flush with plenty of water.

**Inhalation:** No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** No recognized ingestion hazard. If swallowed, drink plenty of water. Get immediate medical attention.

### 5.0 FIRE FIGHTING MEASURES

5.1 **Classification of substance or mixture:** The product is non-flammable.

5.2 **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3 **Protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6.0 ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions:** Use eye protection, gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 **Methods for clean up:** Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

### 7.0 HANDLING AND STORAGE

7.1 **Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 **Storage:** Keep tightly closed. Store Capture Antibody, Detection Antibody and Standard at -20°C until use. Store aliquoted Avidin-HRP Conjugate at -20°C to -80°C.

7.3 **Additional information:** See product data sheet for more information on handling and storage.

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M406</b>	<b>Revision: D</b>	<b>Page 3 of 5</b>

### 8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters:** Contains no substances with occupational exposure limit values.
- 8.2 Engineering controls:** Ensure adequate ventilation. Use appropriate personal protective work clothing.
- 8.3 Personal precautions:**
- Eye:** Wear appropriate eye protection.
- Skin:** Wear clothing and gloves that cannot be penetrated by chemicals or oil.
- Inhalation:** Respiratory equipment is not required.

### 9.0 CHEMICAL AND PHYSICAL PROPERTIES

**9.1 Description of chemical and physical properties:**

**Appearance: Capture Antibody, Detection Antibody, and Standard:** Solid; white powder or thin/invisible film.

**Avidin-HRP Conjugate:** Liquid; light brown

**Odor:** None

**pH:** Not available

**Vapor pressure:** Not available

**Vapor density:** Not available

**Boiling point:** Not available

**Melting/freezing point:** Not available

**Flash point UEL/LEL:** None established

**Evaporation rate:** Undetermined

**Flammability:** Non-flammable material

**Solubility:** Not available

**Specific gravity (water = 1):** Not available

**Volatile %:** Not available

**Water content:** Not available

**Decomposition Temperature:** Not available

**Autoignition Temperature:** None established

**VOC content:** Not available

**Viscosity:** Not available

### 10.0 STABILITY AND REACTIVITY

- 10.1 Stability:** Stable under recommended storage conditions.
- 10.2 Conditions to avoid:** Heat and moisture

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M406</b>	<b>Revision: D</b>	<b>Page 4 of 5</b>

- 10.3 Materials to avoid:** Strong oxidizing agents
- 10.4 Hazardous decomposition:** None determined
- 10.5 Hazardous polymerization:** Does not spontaneously polymerize

### 11.0 TOXICOLOGICAL INFORMATION

**11.1 Potential health effects:**

**Eye contact:** May cause eye irritation.

**Skin contact:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled. May be irritating to mucous membranes.

**Ingestion:** May be harmful if swallowed.

**Carcinogenicity:** None

**Reproductive toxicity:** None

**Mutagenicity:** None

**Sensitization:** None

### 12.0 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity:** Undetermined
- 12.2 Biodegradability:** Undetermined
- 12.3 Mobility:** Undetermined
- 12.4 Bioaccumulation:** Undetermined

### 13.0 DISPOSAL INFORMATION

- 13.1 Disposal method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

### 14.0 TRANSPORTATION INFORMATION

**14.1 Transport information:**

**DOT Hazard class:** Non-hazardous for transport.

**IATA Hazard class:** Non-hazardous for transport.

**IMDG Hazard class:** Non-hazardous for transport.

Алматы (7273)495-231  
 Ангарск (3955)60-70-56  
 Архангельск (8182)63-90-72  
 Астрахань (8512)99-46-04  
 Барнаул (3852)73-04-60  
 Белгород (4722)40-23-64  
 Благовещенск (4162)22-76-07  
 Брянск (4832)59-03-52  
 Владивосток (423)249-28-31  
 Владикавказ (8672)28-90-48  
 Владимир (4922)49-43-18  
 Волгоград (844)278-03-48  
 Вологда (8172)26-41-59  
 Воронеж (473)204-51-73  
 Екатеринбург (343)384-55-89  
 Россия +7(495)268-04-70

Иваново (4932)77-34-06  
 Ижевск (3412)26-03-58  
 Иркутск (395)279-98-46  
 Казань (843)206-01-48  
 Калининград (4012)72-03-81  
 Калуга (4842)92-23-67  
 Кемерово (3642)65-04-62  
 Киров (8332)68-02-04  
 Коломна (4966)23-41-49  
 Кострома (4942)77-07-48  
 Краснодар (861)203-40-90  
 Красноярск (391)204-63-61  
 Курск (4712)77-13-04  
 Курган (3522)50-90-47  
 Липецк (4742)52-20-81  
 Казахстан +7(7172)727-132

Магнитогорск (3519)55-03-13  
 Москва (495)268-04-70  
 Мурманск (8152)59-64-93  
 Набережные Челны (8552)20-53-41  
 Нижний Новгород (831)429-08-12  
 Новокузнецк (3843)20-46-81  
 Ноябрьск (3496)41-32-12  
 Новосибирск (383)227-86-73  
 Омск (3812)21-46-40  
 Орел (4862)44-53-42  
 Оренбург (3532)37-68-04  
 Пенза (8412)22-31-16  
 Петрозаводск (8142)55-98-37  
 Псков (8112)59-10-37  
 Пермь (342)205-81-47  
 Киргизия +996(312)96-26-47

Ростов-на-Дону (863)308-18-15  
 Рязань (4912)46-61-64  
 Самара (846)206-03-16  
 Саранск (8342)22-96-24  
 Санкт-Петербург (812)309-46-40  
 Саратов (845)249-38-78  
 Севастополь (8692)22-31-93  
 Симферополь (3652)67-13-56  
 Смоленск (4812)29-41-54  
 Сочи (862)225-72-31  
 Ставрополь (8652)20-65-13  
 Сургут (3462)77-98-35  
 Сыктывкар (8212)25-95-17  
 Тамбов (4752)50-40-97  
 Тверь (4822)63-31-35

Тольятти (8482)63-91-07  
 Томск (3822)98-41-53  
 Тула (4872)33-79-87  
 Тюмень (3452)66-21-18  
 Ульяновск (8422)24-23-59  
 Улан-Удэ (3012)59-97-51  
 Уфа (347)229-48-12  
 Хабаровск (4212)92-98-04  
 Чебоксары (8352)28-53-07  
 Челябинск (351)202-03-61  
 Череповец (8202)49-02-64  
 Чита (3022)38-34-83  
 Якутск (4112)23-90-97  
 Ярославль (4852)69-52-93