

<b>Title: SAFETY DATA SHEET</b>		<b>Effective Date: 10/07/2020</b>
<b>SDS Number: 25-900-M90</b>	<b>Revision: D</b>	<b>Page 1 of 5</b>

## 1.0 PRODUCT AND COMPANY INFORMATION

- 1.1 Product name: Human Leptin Mini ABTS ELISA Development Kit**  
**Components: Rabbit Anti-Human Leptin, Biotinylated Rabbit Anti-Human Leptin, Recombinant Human Leptin, and Avidin-HRP Conjugate.**
- 1.2 Catalog # / Part number: 900-M90**

**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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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.

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### 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

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- 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.

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**15.0 REGULATORY INFORMATION**
**15.1 US Federal and State Regulations:**

**CERCLA Sections 102a/103 Hazardous Substances (40 CFR Part 302.4):** This product is not reportable under 40 CFR Part 302.4.

**SARA Title III Section 302 Extremely Hazardous Substances (40 CFR Part 355):** This product is not regulated under Section 302 of SARA and 40 CFR Part 355.

**SARA Title III Sections 311/312 Hazardous Categorization (40 CFR Part 370):** This product is not defined as hazardous by OSHA under 29 CFR Part 1910.1200(d).

**SARA Title III Section 313 (40 CFR Part 372):** This product does not contain any of the substances on the Toxic Chemicals List in 40 CFR Part 372.

**US Inventory/TSCA (Toxic Substances Control Act):** Not listed on inventory

**OSHA Hazard Communication Standard:** Non-hazardous

**California Proposition 65:** Not listed on California's listing of known or potential carcinogens.

**15.2 Additional Regulations:**

**WHMIS Controlled Product Classification:** This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

**EC Inventory (EINECS/ELINCS):** Not determined

**Japan Inventory (MITI):** Not determined

**Australia Inventory (AICS):** Not determined

**Korea Inventory (ECL):** Not determined

**Canada Inventory (DSL):** Not determined

**Philippine Inventory (PICCS):** Not determined

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