

Material Safety Data Sheet

SECTION 1. PRODUCT IDENTIFICATION

Catalog Number: STA-838
Product Name: OxiSelect™ HNE Adduct Competitive ELISA Kit

MANUFACTURER:

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SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Kit Components

1. 96-well Protein Binding Plate (Part No. 231001): One strip well 96-well plate – Non Hazardous
2. Anti-HNE Antibody (1000X) (Part No. 283801): One 10 µL vial of anti-HNE antibody
3. Secondary Antibody, HRP Conjugate (1000X) (Part No. 231704): One 20 µL vial– Non-Hazardous
4. Assay Diluent (Part No. 310804): One 50 mL bottle
5. 10X Wash Buffer (Part No. 310806): One 100 mL bottle
6. Substrate Solution (Part No. 310807): One 12 mL amber bottle – Non Hazardous
7. Stop Solution (Part. No. 310808): One 12 mL bottle
8. 100X Conjugate Diluent (Part No. 281603): One 300 µL vial – Non-Hazardous
9. HNE-BSA Standard (Part No. 283803): One 250 µL vial of 1 mg/mL HNE-BSA in PBS – Non Hazardous
10. HNE Conjugate (Part No. 283802): One 50 µL vial of HNE conjugate at 1.0 mg/mL in PBS – Non Hazardous

HAZARDOUS INGREDIENTS

Anti-HNE Antibody (1000X) (Part No. 283801): One 10 µL vial of anti-HNE antibody.

Sodium Azide 0.1 %

Assay Diluent (Part No. 310804): One 50 mL bottle.

Thimerosal 0.02%

10X Wash Buffer (Part No. 310806): One 100 mL bottle.

Thimerosal 0.02%

Stop Solution (Part. No. 310808): One 12 mL bottle.

Sulfuric Acid: 0.5 N

SECTION 3. WASTE DISPOSAL

For small quantities: Cautiously add to a large stirred excess of water. Adjust the pH to neutral. Flush the aqueous solutions down the drain with plenty of water.

SECTION 4. FIRST-AID MEASURES

- IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
- IN CASE OF SKIN CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. CALL A PHYSICIAN.
- IN CASE OF CONTACT WITH EYES, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING BY SEPARATING THE EYELIDS WITH FINGERS. CALL A PHYSICIAN.

SECTION 5. SAFETY HANDLING PROCEDURES

- Should be handled by trained personnel observing good laboratory practices.
- Avoid breathing vapor.
- Avoid skin contact or swallowing.
- May cause allergic reaction in sensitized individuals.

SECTION 6. ACCIDENTAL RELEASE MEASURES

EVACUATE AREA. WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES. ABSORB WITH SAND OR VERMICULITE, SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

The above information is believed to be correct but does not purport to be all inclusive and should be used only as a guide for experienced personnel. Cell Biolabs, Inc. shall not be held liable for any damage resulting from the handling or from contact with the above product(s).