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Material Safety Data Sheet

Rat IgE
ELISA Quantification Kit

Catalog Number: E-25E
Size: 96 wells

Contents Description

Contents for this kit: 1 x 96 well plate coated with Affinity Purified Goat anti-Rat IgE, HRP conjugated Goat anti-Rat IgE, Lyophilized Reference Calibrator, 10X Wash Buffer, 5X Diluent, Stop Solution and Substrate.

Hazardous Ingredients

Affinity Purified Antibody –
Found on coated plate and HRP Conjugate
No known toxicity for this biological material.

Normal Serum –
In reference calibrator.
No known toxicity for this biological material.

Horseradish Peroxidase (HRP) –
Found in HRP conjugate
No known toxicity for this plant material.

PROCLIN 300 – Concentration = 0.1% * CAS#: Data Not Available
Found in diluent and HRP conjugate.
Harmful if swallowed and burns eyes severely. Avoid contact with the skin. Wash all affected areas with large volumes of water. If swallowed consult your physician immediately. If inhaled remove to fresh air.
LD50 oral rat – 3723 mg/kg.

Sodium Azide (NaN_3) – Concentration = < 0.05% * CAS#: 26628-22-8
Found in reference calibrator.
Azide forms explosive chemical compounds with lead and copper plumbing. Care must be taken to wash waste down drains with large volumes of water.
LD50 oral mouse – 27 mg/kg
Wash all effected areas with large volumes of water and if swallowed consult your physician immediately.

Sulfuric Acid - Concentration = 2.94 % * CAS#: 7664-93-9
Found in Stop Solution
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water. If inhaled, remove to fresh air. Never add water to this product, wear suitable protective clothing, lab goggles and gloves.

3,3'5,5' – Tetramethylbenzidine – CAS#: 54827-17-7
Found in TMB Substrate
If swallowed, wash out mouth with water provided the person is conscious. Call a physician if inhaled and removed to fresh air. In case of contact with the skin, immediately wash with soap and large amounts of water. In case of contact, immediately flush eyes with copius amounts of water.

Thimerosal – Concentration = < 0.005% * CAS#: 54-64-8
Found in HRP Conjugate
May be fatal if inhaled, swallowed or absorbed through the skin. Can cause eye and skin irritation. Wash all affected areas with large volumes of water. If swallowed consult your physician immediately. If inhaled remove to fresh air. If necessary, give artificial respiration by mouth-to-mouth.
LD50 oral mouse – 75 mg/kg.

Tween20 – Concentration = 05% * CAS#: Data not available
Found in concentrated wash buffer and diluent.
If swallowed, wash out mouth with water provided the person is conscious. Call a physician if inhaled and removed to fresh air. In case of contact with the skin, immediately wash with soap and large amounts of water. In case of contact, immediately flush eyes with copius amounts of water.

Spills should be cleaned up by using absorbents and thrown away in the proper receptacles.

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