



Materials Safety Data Sheet (MSDS)

Product Name: Monoclonal cGMP EIA Kit

Catalog Number: 80104

Relevant Identified Uses: For research and laboratory use only. Not for diagnostic, therapeutic, drug, household or other uses

Ingredients Information: This product contains Mouse Monoclonal antibody and inorganic buffered solutions.

Company Identifiers

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Composition:

Components	Description	Chemicals
cGMP Standard (100 µM)	0.25 ml	5,000 pmol/mL cGMP
HRP-cGMP Conjugate	0.1 ml	cGMP Conjugate
cGMP Mouse Monoclonal antibody	0.007 ml	Mouse Antibody
10 x Wash Buffer	15 ml	0.1% Bovine Serum Albumin 0.05% Tween-20
1x Wash Buffer	2 X 6 ml	0.01% Bovine Serum Albumin 0.005% Tween-20
Substrate A solution	10 ml	0.08% Urea-H ₂ O ₂ 0.1% Sodium benzoate
Substrate B solution	10 ml	1% DMSO 1% Acetone 20 mg per 100 ml, 3,3',5,5'- Tetramethylbenzidine 0.3 g per 100 ml Citric acid
Neutralizing Reagent	6 ml	0.4 M Tris-HCl
Stop solution	6 ml	2M Sulfuric acid
Goat anti-Mouse IgG Microtiter Plate	Plastic Plate	Goat anti-Mouse antibody

Potential Acute Health Effects

Routes of Entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Eyes: Eye contact may cause transient eye irritation.

Skin: Causes skin irritation. May be fatal if absorbed through the skin.

Inhalation: Highly toxic if swallowed (R28): Causes irritation of mouth, pharynx,

gullet and gastrointestinal tract. Mucosal irritation, cough, dyspnea, pulmonary edema after lag time.

Ingestion: Ingestion may cause allergic reaction characterized by a rash. (BSA)

Sensitizing effects: Not known.

Industrial handling.: Low hazard.

First Aid Measures

General advice: Consult a doctor and show this safety data sheet.

Eye contact: Flush eyes with plenty of water for at least 10 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if symptoms occur.

Skin contact: Immediately wash skin with copious amounts of soap and water for at least 15 minutes. Remove contaminated clothing and wash before reuse. Get medical attention if discomfort persists.

If inhaled: Remove to fresh air and monitor breathing.

If ingested: Rinse mouth thoroughly with water. Do not induce vomiting unless directed to do so by medical personnel.

Notes to physician: No specific antidote. Medical staff must contact Poison Control Center. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Toxicological Information

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Ingestion: There may be irritation of the throat.

Skin: There may be mild irritation at the site of contact.

Eyes: There may be irritation and redness.

Safe Handling Information

Storage and Transport: Keep in a tightly closed container. Stored in refrigerator.

Spills and Disposal: With clean shovel, carefully place material into clean, dry container and cover. Remove from area. Flush spill area with water. Dispose in accordance with all applicable federal, state and local environmental regulations. Wear self-contained breathing apparatus and full protective clothing.

Fire/Explosion Hazard: Use extinguishing media appropriate for surrounding fire. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece in positive pressure mode.

Note: decomposes at melting point. Toxic gases produced: nitrogen oxides, carbon monoxide, carbon dioxide.