

MATERIAL SAFETY DATA SHEET

EFFECTIVE: July 24, 2003

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME: Protein A Elisa Kit

PART NUMBER: 9000-1

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS #	Part #
Phosphate Buffered Powder	NA	RM1232
TM Sulfo-NHS-LC Biotin	127062-22-0	RM1236
3,3',5,5'-Tetramethylbenzidine	54827-17-7	RM1237

SECTION 3 - HAZARDS IDENTIFICATION

Primary Hazards and Critical Effects:

RM1232	Irritant. Irritation to eyes, skin and respiratory system.
RM1236	WARNING! Causes damage to the following organs: Eyes May cause eye irritation
RM1237	Mild oxidizing agent

SECTION 4 - FIRST AID MEASURES

Inhalation

All: If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If discomfort persists, seek medical attention

Ingestion

RM1232	Wash out mouth if person is conscious. Seek medical attention.
RM1236	Do not induce vomiting. If affected person is conscious, give plenty of water to drink. Seek medical attention.
RM1237	Induce vomiting. Seek medical attention.

Skin Contact

All: Wash skin with soap and water. Wash contaminated clothing before reuse.

Eye Contact

All: Flush with copious amounts of water for 15 minutes. Seek medical attention.

SECTION 5 - FIREFIGHTING MEASURES

Extinguishing Media: Use water spray, dry chemical powder or foam
Procedures: Fire fighters should wear positive pressure self contained breathing apparatus and full turnout gear.
Flash Point: NA

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Clean-up Methods: Cover with absorbent. Scoop up material and place in a sealed, liquid proof container for disposal.

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid inhalation, ingestion, and contact with eyes.
Storage: Keep containers tightly covered at 2-8° C.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Skin and Body: Work uniform or lab coat
Hands: Gloves
Eyes: Safety Glasses

Always follow good laboratory practices when working with the Elisa Kit.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Kit Components:

Reagent A: 1x20ml Sample Diluent Contains acetic acid, sodium chloride, Tween-20.
Reagent B: 1x100µl, 1.0mg/ml rProtein A Standard in sterile water.
Reagent C: 1x200µl Rabbit anti Protein A. (RM1236)
Reagent D: 1x200µl Streptavidin: Peroxidase Conjugate
Reagent E: 1x20ml TMB Peroxidase substrate in mildly acidic buffer (RM1237)
1xAnti Protein A coated microtiter wells. 96 wells with plate holder
2x PBS packet (RM1232)

SECTION 10 - STABILITY AND REACTIVITY

Stability: This product is stable

Conditions to Avoid:

RM1232: Strong Acids

RM1236: Slightly reactive with moisture

RM1237: Protect from direct UV light

Hazardous Polymerization: Will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Dermal Contact. Eye Contact. Inhalation. Ingestion.

Repeated or prolonged exposure is not known to aggravate medical conditions

SECTION 12 - ECOLOGICAL INFORMATION

Toxicity: The product itself and products of degradation are not toxic.

SECTION 13- DISPOSAL CONSIDERATIONS

Waste Information: Waste must be disposed of in accordance with federal, state and local environmental regulations

SECTION 14 - TRANSPORT INFORMATION

Contact Repligen for transportation information.

SECTION 15- REGULATORY INFORMATION

European Information: Caution: Substance not yet fully tested.

SECTION 16 - OTHER INFORMATION

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