

Revision date: 2023-06-05

Version: MHE_6_en



1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Substance name: 1-Methylhistamine ELISA Article number.: EA208/96 R E F MHE00

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses:
Reagent / Immunoassay
For professional use only.

Uses advised against:
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Details of the supplier of the safety data sheet:

Supplier

DLD Diagnostika GmbH
Gesellschaft für Diagnostika und medizinische Geräte mbH

Address

Adlerhorst 15
DE – 22459 Hamburg

Information contact

E-Mail: contact@dld-diagnostika.de
Internet: www.dld-diagnostika.de

Telephone / Fax / E-Mail

Tel +49 (0) 40-555 87 10 / Fax +49 (0) 40-555 87 111 / contact@dld-diagnostika.de

Emergency Telephone Number

Tel +49 (0) 4191-722 68 65

2. Hazards identification

Classification of the substance or mixture

Some components of this kit contain hazardous reagents. These components are marked with the adequate hazard label:

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Following components (see 3. Composition/information on ingredients) contain no hazardous reagents in concentrations to be declared.

Revision date: 2023-06-05

Version: MHE_6_en



3. Composition/information on ingredients

Microtiterstrips	Polystyrene-Microtiterplate coated with specific antigen
Standards	Diluted antigen
Controls	Diluted antigen
Equalizing Reagent	Protein, lyophilized
Acylation Buffer	Alkaline buffer solution, stabilized
Acylation Reagent	Powder, lyophilized
Antiserum	Diluted specific antiserum (rabbit), neutral buffer solution, stabilized
Preparation Plate	Polystyrene-Microtiterplate
Solvent	Aqueous solution, stabilized
Enzyme Conjugate	Diluted anti-rabbit IgG peroxidase conjugate, almost neutral buffer solution, stabilized
Wash Buffer	Diluted buffer solution with detergent, neutral, concentrate
Substrate	Highly diluted TMB-solution, acidic, stabilized
Stop Solution	0.3 mol/l sulphuric acid

Components above contain no hazardous reagents in concentrations to be declared.

4. First aid measures

General informations:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. If unconsciousness, bedding and transport in recovery position.

After skin contact

Generally the product does not irritate the skin.

After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing

If symptoms persist consult doctor.

5. Firefighting measures

Extinguishing media

Suitable:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Revision date: 2023-06-05

Version: MHE_6_en



6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear protective clothing.

Environmental precautions

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up

Absorb with liquid-binding material.

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. Handling and storage

Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Always close receptacle after use.

Prevent formation of aerosols.

Information about fire - and explosion protection:

Keep respiratory protective device available.

Aerosol and dust generation preventions

Open and handle receptacle with care.

Always close receptacle after use.

Environmental precautions

Do not allow to enter sewers/ surface or ground water.

General hygiene measures

- Eating, drinking or smoking is prohibited in working areas.

- Wash hands after handling.

- Remove contaminated clothing and protective equipment before entering any food handling areas.

Conditions for safe storage, including any incompatibilities

No special requirements



8. **Exposure controls/personal protection**

Occupational exposure limit sulphuric acid:

Inhalable fraction: 0,1 mg/m³

Personal protective equipment

Eye / Face protection

Tightly sealed goggles.

Skin protection

Protective Gloves

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. The quality of the protective gloves must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

The exact break through time: Call the manufacturer of the protective gloves and this has to be observed.

Other skin protection measures

Lab coat.

Respiratory protection

No special requirements.

Thermal hazards

No special requirements.

Environmental exposure controls

See sections 6 und 7.

9. **Physical and chemical properties**

Microtiterstrips	Polystyrene-Microtiterplate in foil packet.
Standards	Colorless liquid.
Control	Colorless liquid.
Equalizing Reagent	Powder
Acylation Buffer	Blue alkaline buffer solution
Acylation Reagent	Powder
Antiserum	Yellow, neutral buffer solution
Preparation Plate	Polystyrene-Microtiterplate in foil packet.
Solvent	Yellow, aqueous neutral solution
Enzyme Conjugate	Yellowish-brown, almost neutral buffer solution
Wash Buffer	Colorless, neutral buffer solution
Substrate	Slightly bluish, acidic liquid
Stop Solution	Colorless, acidic liquid, pH < 1

10. **Stability and reactivity**

Stability of components: See Label.

Used according to intended use and stored under appropriate conditions no dangerous reactions known.

Conditions to avoid

Substrate is light-sensitive.

Safety data sheet according to Regulation (EC). No. 1907/2006

Revision date: 2023-06-05

Version: MHE_6_en



11. Toxicological information

Used according to intended use no toxicological reactions known.

12. Ecological information

Used according to intended use no ecological reactions known.

13. Disposal considerations

Dispose of waste according to applicable local, state, and federal regulations.

14. Transport information

This product is not subject to official transport regulations

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

National Regulations

Water hazard class

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Further relevant regulations

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Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

16. Other information

Indication of changes

Entire Revision

Key literature references and sources for data

Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Further Informationen

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.