

SAFETY DATA SHEET (SDS)
according to Regulation (EC) No. 1907/2006

SECTION 1: IDENTIFICATION

Product Name: Epitoxen Lyme IgG/IgM Test

Catalog Number: EGX96LD1/EGX96LD2

Relevant Identified Uses (Disclaimer): For Research and Laboratory Use Only. Not for diagnostic, therapeutic, drug, household or other uses.

Ingredients Information: This product contains antibody of animal origin (as specified on the product datasheet), mostly in buffered solution. See product datasheet for additional information and refer to guidance below.

Manufacturer/Supplier:

Vertebrate Antibodies Ltd (EpitoxenX Ltd), Polwarth Building, Foresterhill,
Aberdeen, AB25 2ZD, United Kingdom

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SECTION 2: HAZARD IDENTIFICATION

Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008 [CLP]

Physical hazards: Not Hazardous

Health hazards: Not Hazardous

Environmental Hazards: Not Hazardous

Additional information Not Applicable

Label elements:

Hazard pictograms None

Signal word None

Hazard Statements Not Applicable

EU Specific Hazard Statements Not Applicable

Precautionary

Statements Prevention Not Applicable

Response Not Applicable

Storage Not Applicable

Disposal Not Applicable

Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance: This substance is a mixture.

Mixture

| Component | CAS No | EC No | Classification | Conc. |
|--------------------------------|------------|--------------|--------------------------------------|--------|
| ProClin™ 300* | 55965-84-9 | 613-167-00-5 | H317 | <0.06% |
| Tetramethylbenzidine | 54827-17-7 | 616-001-00-x | Not hazardous at this concentration. | <0.05% |
| Casein | 9000-71-9 | 232-555-1 | Not hazardous at this concentration. | <1.0% |
| Sodium Chloride | 7647-14-5 | 231-598-3 | Not hazardous at this concentration | <1.0% |
| Disodium Hydrogen Phosphate | 7558-79-4 | 231-448-7 | Not hazardous at this concentration | <0.05% |
| Potassium Chloride | 7447-40-7 | 231-211-8 | Not hazardous at this concentration | <0.05% |
| Potassium Dihydrogen Phosphate | 7647-40-7 | 231-211-8 | Not hazardous at this concentration | <0.05% |

SECTION 4: 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. Get medical attention if symptoms occur.

Skin Contact: Wash affected area with plenty of water. Remove contaminated clothing. Get medical attention if discomfort persists.

Inhalation: Remove to fresh air and monitor breathing. Give oxygen if breathing becomes difficult, give artificial respiration if breathing stops. Get medical attention if symptoms appear.

Ingestion: Rinse mouth with water. Make victim drink water (two glasses at most). Seek medical attention if symptoms persist.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: For this substance/mixture no limitations of extinguishing agents are given.

Special exposure hazards: Nature of decomposition products not known.

Special Protective Equipment: Firefighters should wear self-contained breathing apparatus and full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use suitable protective equipment. Ensure adequate ventilation. Avoid breathing vapors, mist, dust or gas. Dispose cloth in accordance with local disposal guidelines

Environmental Precautions: Avoid release into drains or water sources.

Cleanup Methods: Absorb spill with inert material (sand, absorbent pads). Thoroughly wash the area with soap and water after a spill. Dispose of according to local regulations.

SECTION 7: HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes, and clothing. Use in a well-ventilated area.

Storage: Store in a cool, dry area. Keep container tightly closed.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment (PPE):

- **Eyes:** Safety goggles or face shield
 - **Skin:** Lab coat, Chemical-resistant gloves (nitrile or neoprene)
 - **Ventilation:** Use in a fume hood or well-ventilated area
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-------------------------------|-----------------------------|
| Physical state | Liquid |
| Solubility in water | Miscible in all proportions |
| Odor | Odorless |
| Additional information | No Data Available |

SECTION 10: STABILITY AND REACTIVITY

Chemical stability: Stable under recommended transport or storage conditions.

Reactivity: Stable under normal handling conditions.

Hazardous reactions: Will not occur under normal transport or storage conditions.

SECTION 11: 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.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Mixture No data available

Persistence and degradability No data available

Bioaccumulative potential No data available

Mobility in soil No data available

Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods: Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

SECTION 14: TRANSPORT INFORMATION

IATA / ADR /DOT-US / IMDG

Not regulated in the meaning of transport regulations.

UN number Not Applicable

UN proper shipping name Not Applicable

Transport hazard class(es) Not Applicable

Packing group Not Applicable

Environmental hazards Not Applicable

Special precautions for user Not Applicable

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not Applicable

SECTION 15: REGULATORY INFORMATION

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

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

Substances of Very High Concern

None.

Substances listed under Annex I of Regulation (EC) No 689/2008

None.

Restricted substances under Annex V of Regulation (EC) No 689/2008

None.

Substances under Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC

None.

Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

SECTION 16: OTHER INFORMATION

The information contained in this SDS relates only to the material(s) designated and does not relate to use(s) in combination with any other material, process(es) and/or chemical reaction(s).

Notice to reader

For research and in vitro use only. Not for diagnostic or therapeutic work. Vertebrate Antibodies Ltd (subsidiary of EpitogenX) provides this information in good faith and is based on best of our present knowledge. This SDS is provided without warranty of any kind. However, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user.

All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The recipient is responsible for ensuring that, where applicable, existing laws and guidelines are observed.

End of Safety Data Sheet
