

MATERIAL SAFETY DATA SHEET

B2-Microglobulin Turbi-kit

1. Product and Company Information

Product code + name: 154150, β 2 -Microglobulin Turbi-kit
Product description: A quantitative turbidimetric test for the measurement of β 2-Microglobulin (β 2-m) in human serum, plasma or urine. Latex particles coated with anti-human β 2-m antibodies are agglutinated when mixed with samples containing β 2-m. The agglutination is measured turbidimetrically and the β 2-m concentration is calculated.

Supplier/Manufacturer: Lorne Laboratories Ltd
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Danehill
Lower Earley
Berkshire RG6 4UT
United Kingdom

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e-mail address: info@lornelabs.com
Web-site address: www.lornelabs.com

2. Composition/Information on the components

Contains no hazardous substances in reportable quantities

Component name	Concentration	R phrases	Classification
Proclin 950	0.1%	None	None

3. Hazard Identification

Main Hazards: This product must be classified according to directive 2001/58/EC as **non-hazardous**.
For Calibrator: Components of human origin have been tested and found negative for the presence of HbSAg, HCV and antibody to HIV (1/2). However handle cautiously as potentially infectious

4. First Aid measures

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting the upper and lower eyelids. Seek immediate medical advice

Skin Contact: Wash the contacted area with soap and water. Remove contaminated clothing and shoes. Get medical aid if irritation develops or persists

Ingestion: If victim is conscious and alert, wash out mouth with water. Get medical aid.

Inhalation: Remove from exposure and move to fresh air immediately. If breathing is difficult, get medical aid

5. Fire Fighting measures

Extinguishing Media: Not flammable. Use media to suit the surroundings
Unsuitable Extinguishing Media: Not applicable. Subject to surroundings
Special hazards of product: Not known
Protective fire fighting equipment: None required

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6. Accidental release measures

Personal Precautions Spillage: Wear rubber gloves and protective clothing
Spillages: Contain liquid with paper towels, which should subsequently be incinerated. Disinfect site of spillage
Environmental precautions: Try to prevent the material from entering drains or water courses.

7. Handling and Storage

Handling: Wear rubber gloves, safety glasses and protective clothing
Storage: Storage temperature should be controlled to between 2 and 8°C. Store in the original container securely closed. Keep away from foodstuffs

8. Exposure Controls / Personal Protection

Respiratory Protection: Good local ventilation
Hand Protection: Wear suitable gloves, e.g. latex or plastic gloves
Eye Protection: Safety glasses

9. Physical and Chemical properties

Physical State: Liquid
Colour: R1 Buffer: Clear and colourless
R2 Latex: White
Odour: Odourless
pH: R1: 8.1 – 8.3
R2: 7.8 – 8.2
Flash Point (°C): Not applicable
Solubility in water (kg/m³): Very soluble
Vapour Pressure (kPa): Not applicable
Density (kg/m³): Not applicable
Viscosity: Not applicable
Decomposition Temperature (°C): Not applicable

10. Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.
Materials to avoid: Not known when used appropriately
Hazardous decomposition products: Not known
Hygiene measures: Wash hands before breaks and after work. Do not eat, drink or smoke in the workplace

11. Toxicological Information

Acute Toxicity: Under normal circumstances and use, these products are unlikely to be acutely toxic
Skin sensitisation: Under normal circumstances and use, these products are unlikely to sensitise skin

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12. Ecological Information

Mobility: The product is freely miscible with water
Persistence/Degradability: Some of the ingredients are expected to be resistant to biodegradation
Bio-accumulation: Not very likely

13. Disposal

Product Disposal: This material will be classified as 'biological waste' under the COPA (Special Waste) Regulations 1980 and must be disposed of in accordance with those regulations

Container Disposal: Empty containers may contain hazardous residues. Containers shall be disposed of by incineration as soon as possible

14. Transport information

UN Number: None assigned
UN Proper Shipping Name: Not applicable
ADR/RID – Class: Non Hazardous
IMDG – Packaging Group: Not applicable
IMDG – Class: Non Hazardous
IATA Packaging Group: Not applicable
IATA – Class: Non Hazardous

15. Labelling Information

R phrases: None
S phrases: None

16. Other Information

MSDS first issued: 04 August 2014

MSDS data revised: Not applicable

Uses and restrictions: Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customers' responsibility to ensure that a suitable and sufficient assessment of the risks created by the use of the product is undertaken. The use of the reagent and the interpretation of results must be carried out by properly trained and qualified personnel in accordance with the requirements of the country where the reagent is in use

This product is intended for *in vitro* diagnostic use only

Not for use in humans

UK Legislation: Health and Safety at Work etc Act, 1974, and relevant Statutory Provisions

SI 1993/1746: Chemicals (Hazard Information and Packaging) Regulations, 1993

SI 1988/1657: The Control of Substances Hazardous to Health Regulation