

Material Safety Data Sheet

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

NRL

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Products: NRL Nucleic Acid Testing External Quality Assessment Schemes (NAT EQAS)

Catalogue Numbers:

CNTP435/432
DTSB435
DTSC435
DTSI435
LEPN435
MTBN435/432
RESP435
RESV435
RESB435

Product Names:

C. trachomatis, N. gonorrhoeae & T. vaginalis Molecular POC
Dried Tube Sample HBV Molecular POC
Dried Tube Sample HCV Molecular POC
Dried Tube Sample HIV and Early Infant Diagnosis Molecular POC
Leptospirosis Molecular
Mycobacterium Molecular POC
Viral Respiratory Molecular
Extended Viral Respiratory Molecular
Bacterial Plus Respiratory Molecular

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	Percentage	Exposure Limit
Human serum	Not applicable	Not applicable	None established
Human plasma	Not applicable	Not applicable	None established
Phosphate buffered saline	None	Not applicable	None established
OptiMatrix™ (Human plasma)	Not applicable	Not applicable	None established
Leptospiral Broth	Not applicable	Not applicable	None established
MEM (1x) with Earle's salts	Not applicable	Not applicable	None established

SECTION 3: HAZARD IDENTIFICATION

Potentially Biohazardous Material:

This material has the potential to transmit infectious agents and should be handled according to Biosafety Level 2. Products for LEPN435 and MTBN435/432 have been heat inactivated. Products for RESP435 and RESV435 have been gamma-irradiated. The other materials have not been inactivated via heat, chemicals or radiation.

In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.

Harmful if swallowed.

Wear suitable protective clothing (lab coat, gloves, and safety glasses).

PBS: SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT

Not hazardous according to Directive 67/548/EEC.

SECTION 4: FIRST AID MEASURES

Eyes: In case of contact, immediately flush eyes with a large amount of water for at least 15 minutes while holding the eyelids open to ensure that the entire surface is flushed. Seek medical attention.

Skin: In case of contact, immediately wash the contact area thoroughly with soap and a large amount of water. Seek medical attention.

Inhalation: Not Applicable

Ingestion: Avoid swallowing the material. Never give anything by mouth to an unconscious or convulsing person. If conscious, rinse mouth with water. Seek medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: This product is not combustible. Use any media appropriate for the surrounding fire.

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Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent exposure to eyes and skin.

Unusual Fire and Explosion hazards: May emit toxic vapours under fire conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Promptly clean up all spills. Wear appropriate personal protective equipment to avoid exposure.

Contain the spill. Absorb the spill using absorbent materials and decontaminate the spill with a strong (10%) bleach solution or another germicidal agent. Dispose of all cleanup materials in accordance with disposal practices for infectious waste at your institution. (Local, State, and Federal regulations may apply). Wash the spill area after material pick up is complete.

SECTION 7: HANDLING AND STORAGE

Handle this material as if capable of transmitting infectious agents. Observe routine biosafety precautions in handling. Use of personal protection to include, but not limited to, laboratory coat or gown, gloves and eye safety glasses is strongly recommended.

Wash thoroughly after handling.
Store as labelled.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Laboratory coat or gown, gloves, safety glasses
Emergency shower and eye wash
Do not get in eyes, on skin or on clothing
Wash thoroughly after handling
Biosafety Level 2 precautions

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Form: The serum or plasma may be in liquid or solid (if frozen) form; its normal appearance is a pale amber liquid. On occasion, some particulate matter (fibrin) is normal. Leptospiral broth may be in liquid or solid (if frozen) form. It is a colourless liquid.

pH 6.0-8.0 Neutral

SECTION 10: STABILITY & REACTIVITY

Stability: This material is stable under normal temperatures and pressures, is non-corrosive and polymerization will not occur. This material is not incompatible with other laboratory materials.

Conditions to avoid: Avoid excess heat

SECTION 11: TOXICOLOGICAL INFORMATION

Potentially Biohazardous Material: Harmful if swallowed or absorbed through skin.

SECTION 12: ECOLOGICAL INFORMATION

Not Applicable

SECTION 13: DISPOSAL CONSIDERATIONS

Decontamination of excess material using bleach solution (10%) is recommended. Waste handling requirements are dependent upon local ordinances and therefore it is recommended that the community standards as well as state and local regulations be consulted regarding the proper disposal of potentially infectious material.

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SECTION 14: TRANSPORT INFORMATION

IATA/ICAO AIR TRANSPORTATION

Proper Shipping Name: Exempt Human Specimen except RESB which requires Biological Substance, Category B

UN Number: Exempt for all programs except RESB which requires UN3373

Hazard Class/Packing Group: **Hazard Class:** 6.2 / **Packaging Group:** N/A

Labels Required: In accordance with section 7 IATA Dangerous Goods Regulations (DGR)

IATA Packaging Requirements: In accordance with Packing Instructions 650, IATA DGR

SECTION 15: REGULATORY INFORMATION

Not Applicable

SECTION 16: OTHER INFORMATION

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