



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet Lactate Dehydrogenase

Catalog No.
MD-14-0046P

Source:
Human Heart

Isoenzyme Electrophoresis

| | |
|-----|-----|
| LD1 | 48% |
| LD2 | 17% |
| LD3 | 13% |
| LD4 | 10% |
| LD5 | 10% |

Contaminants

| | |
|-----|-------|
| CK | 0.12% |
| GOT | 2.94% |

Preparation

Purification: Ammonium sulfate precipitation and column chromatography

Formulation

Format: Purified, Lyophilized
Specific Activity: 42.37 Units/mg protein (prior to lyophilization)
Activity: 25 Units/vial at 37°C measured on Dupont ACA
One unit will catalyze the transformation of one micromole of L-lactate to pyruvate per minute at 37°C and pH 8.55.
Buffer: Lyophilized from 20mM Tris-chloride, 1mM DTE and EDTA, pH 7.5
Preservative: None

Storage

Upon receipt, store at -20°C.

Avoid multiple freeze/thaw cycles.

Centrifuge before opening to ensure complete recovery of vial contents.

Inactivation

Not applicable

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Application

Specific methodologies have not been tested using this product.

Warnings

All human source materials have tested negative for HIV1, HIV2, HCV antibodies and HBsAg, HIV-1 antigen and Syphilis. No test guarantees a product to be non-infectious. Therefore, all material derived from human fluids or tissues should be considered as potentially infectious.

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