



Meridian

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Innovative Solutions. Trusted Partner.®

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CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: A38353H **Lot #:** 9A00918

Description: Human Lactate Dehydrogenase 3
Lactate Dehydrogenase Isoenzyme 3 (LDH3)

Contaminants:

CK ≤ 1%

GOT 0.2%

Source: Human Erythrocytes (Red Blood Cells)

Format: Ammonium Sulfate Suspension, Liquid

Purification: LDH-3 100% (no other LDH isoenzyme detected).

Concentration: Activity: 1110 Units/mL @ 37°C.
Protein: 3.5 mg Protein/mL (Coomassie)
Specific Activity: 320 Units/mg Protein
One unit will catalyze the transformation of one micromole of L-lactate to pyruvate per minute at 37°C and pH 9.4.

Buffer: 3.1 M Ammonium Sulfate, 20 mM Tris-Chloride, 1 mM DTT, 1 mM EDTA, pH 7.5.

Preservative: None

Applications: Specific methodologies have not been tested using this product.

Storage: Store at 2-8°C. **DO NOT FREEZE!**

Inactivation: Not Applicable

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY