

CERTIFICATE OF ANALYSIS

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

Catalog #: A01404H **Lot #:** 5F15821

Description: Lactate Dehydrogenase Total
Lactate Dehydrogenase (LDH) Total

Source: Human Erythrocytes

Format: Ammonium Sulfate Suspension, Liquid

Purification: Purification by Proprietary Methods

Concentration: Activity: 540 units/ml
Total Protein: 2.2 mg/ml
Specific Activity: 250 units/mg
One unit will catalyze the oxidation of one micromole of L-lactate to pyruvate with simultaneous reduction of NAD⁺ to NADH per minute at 37°C and pH 9.4.

Isoenzyme Electrophoresis:

LD1	52%
LD2	6%
LD3	8%
LD4	9%
LD5	25%

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

Quality Signature:



07 JUN 2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY