



CERTIFICATE OF ANALYSIS

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

Catalog #: A38155H **Lot #:** 6G21016

Description: Human Lactate Dehydrogenase 1
Lactate Dehydrogenase Isoenzyme 1 (LDH1)

Contaminants:

CK	0.2%
GOT	0.04%

Source: Human Erythrocytes (Red Blood Cells)

Format: Ammonia Sulfate Suspension, Liquid

Purification: LD1 100% (Helena QuickGel Electrophoresis)

Concentration: Activity: 1,080 Units/mL @ 37°C Dimension
Protein: 2.88 mg Protein/mL (Coomassie)
Specific Activity: 375 Units/mg Protein
One unit will catalyze the transformation of one micromole of L-lactate to pyruvate per minute at 37°C and pH 8.55.

Buffer: 3.1 M Ammonium Sulfate Suspension in 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.

Signature

08 Nov 2016
Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY