

Lactate Dehydrogenase 3 Active Protein | LDH-3 active protein

Lactate Dehydrogenase 3 (LDH-3), Human Erythrocytes

CATALOG #
AAA44811

PRODUCT SYNONYMS

Lactate Dehydrogenase 3; Lactate Dehydrogenase 3 (LDH-3); Human Erythrocytes; 2H2M; LD3; LD-3; LDH-3 active protein

PRODUCT SPECIFICATIONS

Form/Format	Liquid; Suspension in 3.1 M ammonium sulfate with tris chloride, DTT, and EDTA, pH 7.5.
Source	Human Erythrocytes
Appearance	Milky, white to off-white suspension
Activity	1,110 units /mL (Dimension® Clinical Chemistry System)
EC Number	1.1.1.27
Unit Definition	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.
Specific Activity	320 units/mg protein
Electrophoresis	LD3 > or = 95%, consistent with control (Helena QuickGel® LD Isoenzyme Kit) LD1 < or = 2% LD2 < or = 2% LD4 < or = 2% LD5 < or = 2%
Contaminants	CK < or = 1%
Protein	3.5 mg protein/mL (Coomassie)
CAS Number	9001-60-9
Handling	Handle as a potentially hazardous substance.
Recovery	Centrifuge briefly to ensure complete recovery. Mix thoroughly before sampling.
Preparation and Storage	Ships on blue ice. Store 2-8°C. Do not freeze.

ADDITIONAL INFORMATION

Related Product Information for LDH-3 active protein	AAA Biotech sells human Lactate Dehydrogenase 3 (LDH-3) for research and manufacturing uses. Custom preparations, technical support, bulk quantities and aliquoting available.
Product Categories/Family for LDH-3 active protein	Proteins ; Antigens ; Enzymes ; Standards/controls ; Native Proteins ; Lactate Dehydrogenase 3 (ldh-3)

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.