

Lactate Dehydrogenase 5 Active Protein

Lactate Dehydrogenase 5 (LDH-5), Human Liver

CATALOG #
AAA44813

HOST
Human

PRODUCT SYNONYMS

Lactate Dehydrogenase 5; Lactate Dehydrogenase 5 (LDH-5); Human Liver; LDH 5; LD5; LD-5; Lactate Dehydrogenase 5 active protein

PRODUCT SPECIFICATIONS

Host	Human
Form/Format	Suspension in 3.1 M ammonium sulfate, 50 mM tris-chloride with 1 mM DTT, and 1 mM EDTA, pH 8.3.
Source	Human liver
CAS Number	9001-60-9
E.C. Number	1.1.1.27
Activity	1,570 units/mL (Dimension® Clinical Chemistry System)
Unit Definition	One unit will catalyze the oxidation of one micromole of L-lactate to pyruvate per minute at 37°C and pH 9.4.
Protein	7.2 mg protein/mL (Coomassie)
Specific Activity	220 units/mg protein
Electrophoresis	LD5 > or = 95%, consistent with control (Helena Quickgel® LD Isoenzyme Kit) LD1 < or = 2.0% LD2 < or = 2.0% LD3 < or = 2.0% LD4 < or = 2.0%
Contaminants	CPK: < or = 1%
Handling	Handle as a potentially hazardous substance.
Recovery	Centrifuge briefly to ensure complete recovery. Mix thoroughly before sampling.
Preparation and Storage	Store at 2-8°C. Do not freeze.

ADDITIONAL INFORMATION

Related Product Information for Lactate Dehydrogenase 5 active protein	AAA Biotech sells human Lactate Dehydrogenase 5 (LDH-5) for research, life science and manufacturing uses. Custom preparations, technical support, bulk quantities and aliquoting available. LDH-5 is believed to be an excellent indicator of active liver damage.
Product Categories/Family for Lactate Dehydrogenase 5 active protein	Proteins ; Antigens ; Enzymes ; Standards/controls ; Native Proteins ; Lactate Dehydrogenase 5 (ldh-5)

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.