

Lactate Dehydrogenase 2 Active Protein | LDH-2 active protein

Lactate Dehydrogenase 2 (LDH-2), Human Erythrocytes

CATALOG #
AAA44810

PRODUCT SYNONYMS

Lactate Dehydrogenase 2; Lactate Dehydrogenase 2 (LDH-2); Human Erythrocytes; LD2; LDH-2 active protein

PRODUCT SPECIFICATIONS

Form/Format	Suspension in 3.1 M ammonium sulfate with tris chloride, DTT, and EDTA, pH 7.5
Source	Human Erythrocytes
EC Number	1.1.1.27
Appearance	Clear to turbid, off-white suspension
Activity	690 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	2.3 mg/mL (Coomassie)
Specific Activity	300 units/mg protein
Electrophoresis	LD2 > or = 95 %, consistent with control (Helena QuickGel® LD Isozyme Kit) LD1 < or = 1% LD3 < or = 1% LD4 < or = 1% LDS < or = 1%
Contaminants	CK < or = 1% GOT < or = 1%
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-2 active protein	AAA Biotech sells human Lactate Dehydrogenase 2 (LDH-2) for research and manufacturing uses. Custom preparations, technical support, bulk quantities and aliquoting available. Studies have shown that LDH-2 may be a useful marker of Bone Marrow Infiltration in non-Hodgkin's Lymphoma.
Product Categories/Family for LDH-2 active protein	Proteins ; Antigens ; Enzymes ; Standards/controls ; Native Proteins ; Lactate Dehydrogenase 2 (ldh-2)

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.