

Lactate Dehydrogenase Active Protein | LDH active protein

Lactate Dehydrogenase (LDH), Porcine Heart

CATALOG #
AAA44808

PRODUCT SYNONYMS

Lactate Dehydrogenase; Lactate Dehydrogenase (LDH); Porcine Heart; Lactic Dehydrogenase; Porcine Heart - Lyophilized; LDH active protein

PRODUCT SPECIFICATIONS

Form/Format	Lyophilized powder
Sequence Length	331
Source	Porcine Heart
Appearance	White to off-white powder
Solubility	Clear, colorless (1 mg/mL saline)
Activity	240 u/Mg
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.
Protein	0.70 mg protein/mg (coomassie)
Specific Activity	350 U/mg protein
Contaminants	AST/GOT: ≤0.1% ALT/GPT: ≤0.06% MDH: ≤0.06% PK: ≤0.06%
Reconstitution	≥1 mg/mL in phosphate buffered saline
Note	Reconstitute into provided container and centrifuge to ensure full recovery
Handling	Handle as potentially hazardous substance
CAS Number	9001-60-9
E.C. Number	1.1.1.27
Preparation and Storage	Aliquot and freeze at -20°C after reconstitution. Protect from moisture.

ADDITIONAL INFORMATION

Product Categories/Family for LDH active protein	Proteins; Antigens; Enzymes; Standards/controls; Native Proteins; Lactate Dehydrogenase (ldh)
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	156255210
NCBI GeneID	100124423
NCBI Accession #	NP_001095933.1

NCBI GenBank Nucleotide #	NM_001102463.1
NCBI Official Full Name	lactate dehydrogenase
NCBI Official Symbol	Ldh
NCBI Protein Information	lactate dehydrogenase

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ldh-active-protein/lactate-dehydrogenase/44808>