

Native Porcine Heart L-Lactic Dehydrogenase (L-LDH)-Active

Cat. No.: AP2F202

Product Type: Animal Proteins

Size: 12500 U

Product Overview

BioVenic's Native Porcine Heart L-Lactic Dehydrogenase (L-LDH)-Active is a native protein derived from Porcine Heart.

Specifications

Type	Native Protein
Species	Swine
Source	Heart
Biological Activity	≥200 U/mg protein
Predicted Molecular Weight	37 kDa
Physical State	Liquid
Formulation	Ammonium sulfate, 0.1 M potassium phosphate, pH 7.0.

Target Information

L-lactate dehydrogenase (L-LDH) interconverts simultaneously and stereospecifically pyruvate and lactate with concomitant interconversion of NADH and NAD⁺. The protein is found predominantly in muscle tissue and belongs to the lactate dehydrogenase family. According to a previous study, lactate dehydrogenase from the pig heart interacts with liposomes made of acidic phospholipids most effectively at low pH, close to the isoelectric point of the protein (pH = 5.5).

Protein	Porcine L-Lactic Dehydrogenase (L-LDH)
Protein Synonym	L-Lactic Dehydrogenase; (S)-Lactate: NAD ⁺ oxidoreductase, L-LDH, LAD, LD, Lactate
UniProt ID	P00339
EC No.	1.1.1.27

Shipping and Storage

Store at 4°C.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.