

Native Chicken L-Lactic Dehydrogenase

Cat. No. NATE-0411

Lot. No. (See product label)

Introduction

Description

Native Chicken L-Lactate Dehydrogenase for research on lactate metabolism and enzymatic mechanisms. Perfect for biochemistry and enzymology studies. Creative Enzymes provides high-purity, reliable solutions.

Synonyms

EC 1.1.1.27; 9001-60-9; lactic acid dehydrogenase; L (+)-nLDH; L-(+)-lactate dehydrogenase; L-lactic dehydrogenase; L-lactic acid dehydrogenase; lactate dehydrogenase; lactate dehydrogenase NAD-dependent; lactic dehydrogenase; NAD-lactate dehydrogenase; L-lactate dehydrogenase; (S)-Lactate:NAD+ oxidoreductase; L-LDH; LAD; LD; Lactate

Product Information

Species

Chicken

Source

Chicken heart

Form

ammonium sulfate suspension; Crystalline suspension in 1.3 M (NH₄)₂SO₄, pH 6.0

EC Number

EC 1.1.1.27

CAS No.

9001-60-9

Activity

>90%. (>200U/mL)

Pathway

Cysteine and methionine metabolism, organism-specific biosystem; Glycolysis / Gluconeogenesis, organism-specific biosystem; Propanoate metabolism, organism-specific biosystem; Cysteine and methionine metabolism, organism-specific biosystem; Cysteine and methionine metabolism, conserved biosystem; Glycolysis / Gluconeogenesis, organism-specific biosystem

Function

L-lactate dehydrogenase activity

Unit Definition

One unit will reduce 1.0 μ mole of pyruvate to L-lactate per min at pH 7.5 at 37°C.

Storage and Shipping Information

Storage

2-8°C