

Native Porcine Lactate Dehydrogenase

Cat. No. NATE-0964

Lot. No. (See product label)

Introduction

Description

Native Porcine Lactate Dehydrogenase for research on lactate metabolism and enzymatic mechanisms. Perfect for biochemistry and clinical studies. Creative Enzymes delivers reliable, high-purity products.

Applications

Diagnostic Controls, Calibrators & Standards; Clinical Chemistry; Testing/Assay Validation; Life Science; Manufacturing

Synonyms

Lactate dehydrogenase; EC 1.1.1.27; LDH; LD

Product Information

Species

Porcine

Source

Porcine Muscle

Form

Lyophilized

EC Number

EC 1.1.1.27

CAS No.

9001-60-9

Molecular Weight

~136,700

Activity

> 100 U/mg

Contaminants

AST/GOT, ALT/GPT, MDH: < 0.1%, Ammonia: < 0.1 micromole/mg

Unit Definition

One unit will catalyze the oxidation of one micromole of L-lactate to pyruvate per minute at 37°C and pH 8.55.

Storage and Shipping Information

Storage

Store at -20°C

Stability

2 years