

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