

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