Creative Enzymes®

Lactate Dehydrogenase from Chicken Heart, Recombinant

Cat. No. NATE-0383

Lot. No. (See product label)

Introduction

Description	A lactate dehydrogenase (LDH or LD) is an enzyme found in nearly all living cells (animals, plants, and prokaryotes). LDH catalyzes the conversion of pyruvate to lactate and back, as it converts NADH to NAD+ and back. A dehydrogenase is an enzyme that transfers a hydride from one molecule to another.
Synonyms	EC 1.1.1.27; 9001-60-9; lactate dehydrogenase; LDH; LD; (S)-Lactate:NAD+ oxidoreductase, L-LDH; LAD; L-Lactic Dehydrogenase; lactic acid dehydrogenase; L (+)-nLDH; L-(+)-lactate dehydrogenase; L-lactic acid dehydrogenase; lactate dehydrogenase NAD-dependent; lactic dehydrogenase; NAD-lactate dehydrogenase

Product Information

Species	Chicken Heart
Source	E. coli
Form	Lyophilized
EC Number	EC 1.1.1.27
CAS No.	9001-60-9
Purity	> 96% (SDS-PAGE)
Activity	>90%. (>200U/mL)
Contaminants	MDH, GPT, GOT:
Optimum pH	7.0-8.0

Storage and Shipping Information

Storage	-20°C