

## 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<sup>+</sup> 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<sup>+</sup> 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

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

### Storage and Shipping Information

<b>Storage</b>	-20°C
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