

Active Recombinant Porcine Lactate Dehydrogenase

Cat. No. LDH-03P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Porcine Lactate Dehydrogenase was expressed in E. coli.
Species	Porcine
Source	E.coli
Description	Lactate dehydrogenase (LDH) is an important enzyme of the anaerobic metabolic pathway. It belongs to the class of oxidoreductases, with an enzyme commission number EC 1.1.1.27. The function of the enzyme is to catalyze the reversible conversion of lactate to pyruvate with the reduction of NAD ⁺ to NADH and vice versa.
Form	White powder
Bio-activity	Specific Activity: ≥150 U/mg protein Activity: ≥30 U/mg solid
Purity	> 90 %
Storage	Store at -20 centigrade for at least 2 years.
CAS No.	9001-60-9
EC No.	1.1.1.27
Unit Definition	One unit cause the oxidation of one micromole of NADH per minute at pH 7.4 at 25 centigrade when using pyruvate as substrate

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GENE INFORMATION

Official Symbol	LDH
Synonyms	LDH; Lactate Dehydrogenase