

Active Recombinant Rabbit Lactate Dehydrogenase (LDH)

Cat. No. LDH-218R Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Rabbit Lactate Dehydrogenase (LDH) expressed in E. coli with high specific activity.
Species	Rabbit
Source	E.coli
Description	Lactate Dehydrogenase (LDH) is a key metabolic enzyme that catalyzes the interconversion of pyruvate and lactate with concomitant interconversion of NADH and NAD ⁺ . LDH is widely used in cell viability assays, cytotoxicity tests, and various biochemical research applications. This recombinant rabbit LDH is expressed in E. coli with high specific activity, making it ideal for research and manufacturing processes.
Form	White Lyophilized Powder
Bio-activity	Specific Activity: 355 U/mg protein Activity: 71.2 U/mg solid
Purity	>90% by SDS-PAGE
Applications	Biochemical research
Storage	2-8°C: At least 1 year -20°C: At least 2 years
EC	1.1.1.27

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

CAS	9001-60-9
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Unit definition	One unit causes the oxidation of one micromole of NADH per minute at pH 7.4 at 25°C when using pyruvate as substrate.
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GENE INFORMATION

Gene Name	LDHA lactate dehydrogenase A chain [Oryctolagus cuniculus (rabbit)]
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Official Symbol	LDHA
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Synonyms	LDHA; LDH-M; LDHA_RABIT; L-lactate dehydrogenase A chain
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Gene ID	100009107
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mRNA Refseq	XM_008275072
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Protein Refseq	XP_008273294
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UniProt ID	P13491
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