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Datasheet for ABIN622853

Lactate Dehydrogenase Protein (LDH)

Overview

Quantity:	30 mg
Target:	Lactate Dehydrogenase (LDH)
Origin:	Chicken
Host:	Please inquire
Protein Type:	Recombinant

Product Details

Characteristics:	Recombinant Lactate Dehydrogenase
Purity:	> 95.0 % as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Target Details

Target:	Lactate Dehydrogenase (LDH)
Alternative Name:	Lactate Dehydrogenase (LDH Products)
Background:	<p>The DNA encoding chicken LDH-B is cloned from cDNA library of chicken heart. Introduction: Lactate dehydrogenase (LDH) is an enzyme(EC1.1.1.27) present in a wide variety of organisms, including plants and animals. A tetrameric enzyme that catalyses the interconversion of pyruvate and lactate with concomitant interconversion of NADH and NAD⁺. At high concentrations of pyruvate, the enzyme exhibits feedback inhibition and the rate of conversion of pyruvate to lactate is decreased. In vertebrates, genes for three different subunits (LDH-A, LDH-B and LDH-C) exist. Synonyms: Lactate Dehydrogenase, LDH.</p>

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: The protein (1 mg/ml) was lyophilized with 0.1mg potassium phosphate. It is recommended to reconstitute the lyophilized LDH in sterile 18M -cm H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Storage: -20 °C