

Lactate Dehydrogenase-B / LDH Recombinant Chicken

Catalog No.	CRL307A CRL307B CRL307C	Quantity:	1 mg 3 mg 30 mg
Description:	The DNA encoding chicken LDH-B is cloned from cDNA library of chicken heart. A tetrameric enzyme that, along with the coenzyme NAD ⁺ , catalyzes the interconversion of LACTATE and PYRUVATE. In vertebrates, genes for three different subunits (LDH-A, LDH-B and LDH-C) exist.		
Source:	<i>E. coli</i>		
Formulation:	Sterile Filtered then lyophilized from a concentrated solution (1 mg/ml) containing 0.1 mg/ml potassium phosphate.		
Purity:	Greater than 95.0% as determined by: Analysis by RP-HPLC, anion-exchange FPLC, and analysis by reducing and non-reducing SDS-PAGE Silver Stained gel.		
Reconstitution:	Reconstitute the lyophilized Lactate Dehydrogenase in sterile, distilled water to a concentration not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.		
Storage & Stability:	Lyophilized LDH-B although stable at room temperature for 3 weeks, should be stored desiccated below -20°C. Upon reconstitution Recombinant LDH should be stored at 2-4°C between 2-7 days and for future use below -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

