

LDH

LDH, Native Chicken Lactate Dehydrogenase

Catalog No.	CSI13744A	Quantity:	25 kU
	CSI13744B		50 kU

Alternate Names: LAD, LD, L-LDH, (S)-Lactate, HBD, Hydroxybutyrate Dehydrogenase

Description: Lactate dehydrogenase (LDH) is an enzyme (EC 1.1.1.27) present in a wide variety of organisms, including plants and animals. Lactate Dehydrogenase (LDH) catalyses the interconversion of pyruvate and lactate with concomitant interconversion of NADH and NAD⁺.
Lactate Dehydrogenase(LDH) can also catalyze the oxidation of hydroxybutyrate, Lactate Dehydrogenase (LDH) is occasionally called Hydroxybutyrate Dehydrogenase (HBD).

Concentration: Typically >0.7 mg Protein/mg

Protein Accession No: Typically >0.7 mg Protein/mg

Source: Chicken Hearts

Molecular Weight: ~ 136.7 kDa

Formulation: Lyophilized

Specific Activity: Typically >150 Units/mg @ 37°C. One unit will catalyze the transformation of one µM of L-lactate to pyruvate per minute at 37°C and pH 8.55.

Storage & Stability: Product is stable for 2 years when stored at -20°C.

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

