

LDHA

Native Porcine Lactate Dehydrogenase, Lyophilized

Catalog No.	CSI19676A	Quantity:	10 KU
	CSI19676B		50 KU

Alternate Names: LDHA, LDH-A, LDH-M

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)LD can also catalyze the oxidation of hydroxybutyrate, Lactate Dehydrogenase (LDH)LD is occasionally called Hydroxybutyrate Dehydrogenase (HBD).

Lactate Dehydrogenase LD(LDH) enzyme is also found in cerebrospinal fluid where high levels of lactate dehydrogenase in cerebrospinal fluid are often associated with bacterial meningitis. High levels of Lactate Dehydrogenase (LDH) enzyme can also be found in cases of viral meningitis, generally indicating the presence of encephalitis and poor prognosis.

GeneID: 407245

Source: Porcine Heart

Molecular Weight: 136.7 kDa

Formulation: Lyophilized

Biological Activity: >100 u/mg powder

EC Number: 1.1.1.27

Storage & Stability: Store at 2-4°C. Stable for 1 year from delivery. **Avoid repeated freeze-thaw cycles.**

Unit Definition: One unit will reduce 1.0 Micromole of pyruvate to L-lactate per minute at pH 7.5 at 37C.

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