

Active Native Human Lactate Dehydrogenase 5

Cat. No. LDH5-24H Lot. No. (See product label)

SPECIFICATION

Product Overview	Native Human LDH5 was purified from Human Liver.
Species	Human
Source	Human Liver
Description	A lactate dehydrogenase (LDH or LD) is an enzyme found in animals, plants, and prokaryotes. Lactate dehydrogenase is of medical significance because it is found extensively in body tissues, such as blood cells and heart muscle. Because it is released during tissue damage, it is a marker of common injuries and disease.
Form	Liquid. Suspension in 3.1 M ammonium sulfate, 20 mM tris chloride, 1 mM DTT, 1 mM EDTA, pH 7.5.
Bio-activity	>1,000 U/mL (Dimension® Clinical Chemistry System)
Purity	LDH-5: >95% (Helena QuickGel LD Isozyme Kit)
Unit Definition	One unit will catalyze the oxidation of one micromole of L-lactate to pyruvate per minute at 37°C and pH 8.55.
Storage	Store at 2-8°C

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