

## Active Native Human Lactate Dehydrogenase

Cat. No. LDH-17H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Native Human LDH was purified from Human Erythrocytes. CAS# 9001-60-9. LDH-1: 30-60%, LDH-2: 30-60%, LDH-3: 20-40%, LDH-4: 2-15%, LDH-5: 2-15%.
<b>Species</b>	Human
<b>Source</b>	Human Erythrocyte
<b>Description</b>	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.
<b>Form</b>	Liquid. Suspension in 3.1 M ammonium sulfate, 20 mM tris-chloride, 1 mM DTT, 1 mM EDTA, pH 7.5.
<b>Bio-activity</b>	>100 U/mL (Dimension <sup>®</sup> Clinical Chemistry System)
<b>Purity</b>	Purified. >99% LDH-1 (Helena QuickGel <sup>®</sup> LD Isoenzyme Electrophoresis).
<b>Unit Definition</b>	One unit will catalyze the oxidation of one micromole of L-lactate to pyruvate per minute at 37°C and pH 8.55.
<b>Storage</b>	2-8°C

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