

Active Native Human Lactate Dehydrogenase 4

Cat. No. LDH4-23H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Human LDH4 was purified from Human Liver.
Species	Human
Source	Human Liver
Description	The protein encoded by this gene belongs to the D-isomer specific 2-hydroxyacid dehydrogenase family. The similar protein in yeast has both D-lactate and D-glycerate dehydrogenase activities. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified.
Form	Liquid. Suspension in 3.1 M ammonium sulfate, 20 mM tris chloride, 1 mM DTT, 1 mM EDTA, pH 7.5.
Bio-activity	>110 U/mL (Dimension® Clinical Chemistry System)
Purity	LDH-4: >95%
Unit Definition	One unit will catalyze the oxidation of one micromole of L-lactate to pyruvate per minute at 37oC and pH 8.55.
Storage	Store at 2-8oC

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