

## Active Native Human Lactate Dehydrogenase 2

Cat. No. LDH2-19H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Native Human LDH2 was purified from Human Erythrocytes.
<b>Species</b>	Human
<b>Source</b>	Human Erythrocyte
<b>Description</b>	This gene encodes an enzyme which catalyzes the reversible conversion of lactate and pyruvate, and NAD and NADH, in the glycolytic pathway. Mutations in this gene are associated with lactate dehydrogenase B deficiency. Pseudogenes have been identified on the X chromosome and on chromosome. Multiple alternatively spliced variants, encoding the same protein, have been identified.
<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>	>250 U/mL (Dimension <sup>®</sup> Clinical Chemistry System)
<b>Purity</b>	LDH-2: >98%, LDH-1:< 1.0%,="" Idh-3:="">< 1.0%,="" Idh-4:="">< 1.0%,="" Idh-4:="">< 1.0%="" (helena="" quickgel="" isoenzyme="">
<b>Unit Definition</b>	One unit will catalyze the oxidation of one micromole of L-lactate to pyruvate per minute at 37oC and pH 8.55.
<b>Storage</b>	Store at 2-8oC

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