Product: **Lactate Dehydrgenase (LDH), recombinant**
Catalog #: **12-4311**
Amount: **500ug**

DESCRIPTION:	Recombinant Lactate Dehydrogenase (rLDH) The DNA encoding chicken LDH-B is cloned from cDNA library of chicken heart.
SOURCE:	*Escherichia Coli* expression system
PURITY:	> 95%, as determined by: (a) Analysis by RP-HPLC and anion-exchange FPLC (b) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel
ENDOTOXIN:	Less than 0.1 ng/µg (IEU/µg) of rLDH
DIMERS & AGGREGATES:	Less than 1% as determined by silver stained SDS-PAGE gel analysis
UNIT DEFINITION:	One unit is defined as 1µmol of NAD^+ production per minute under the assay conditions (25°C, pH 7.0). Both transaminase activities include α-hydroxyglutarate dehydrogenase activity
FORM:	Purified, in 0.1mg potassium phosphate.
STORAGE:	-20°C (aliquot), avoid freezing and thawing cycles
BIOLOGICAL ACTIVITY:	rLDH is fully biologically active when compared to standard. The specific activity was found to be 200IU/mg.

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