

Product: Lactate Dehydrogenase (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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