

General Lactate Dehydrogenase Assay Kit | Ldh assay kit

Lactate Dehydrogenase Assay Kit

CATALOG # AAA17850	REACTIVITY General	APPLICATIONS Functional Assay
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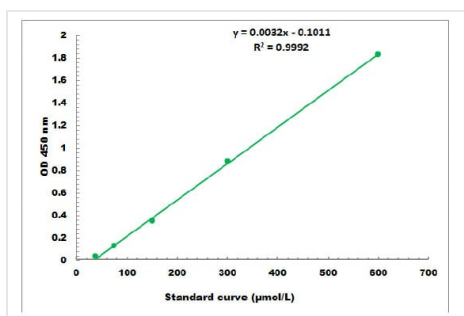
PRODUCT SYNONYMS

Lactate Dehydrogenase; Lactate Dehydrogenase Assay Kit; Ldh assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	331
Samples	Urine, Serum, Plasma, Tissue extracts, Cell lysate, Cell culture media and Other biological fluids Samples
Detection Range	30 umol/L - 600 umol/L
Applicable Applications for Ldh assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ldh assay kit

Background: Lactate dehydrogenase (LDH) is an oxidoreductase present in a wide variety of organisms. It catalyses the interconversion of pyruvate and lactate with concomitant interconversion of NADH and NAD. When disease or injury or toxic material damages tissues, cells release LDH into the bloodstream. Since LDH is a fairly stable enzyme, LDH has been widely used to evaluate the presence of damage and toxicity of tissue and cells. Quantification of LDH has broad range of applications. Lactate Dehydrogenase Microplate Assay Kit provides a simple and direct procedure for measuring lactate dehydrogenase activity in a variety of samples. In this colorimetric LDH quantification assay, LDH reduces NAD to NADH, which then interacts with a specific probe to produce a color. The rate of increase in the absorbency at 450 nm, is a measure of LDH activity.

NCBI AND UNIPROT INFORMATION

NCBI GI #	156255210
NCBI GeneID	100124423

NCBI Accession #	NP_001095933.1
NCBI GenBank Nucleotide #	NM_001102463.1
NCBI Official Full Name	lactate dehydrogenase
NCBI Official Symbol	Ldh
NCBI Protein Information	lactate dehydrogenase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/general-assay-kits/lactate-dehydrogenase/17850>