

Human Lactate Dehydrogenase, LDH ELISA Kit | LDH elisa kit

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CATALOG #
AAA42267

REACTIVITY
Human

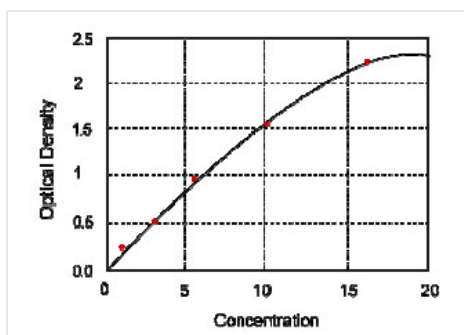
PRODUCT SYNONYMS

Lactate Dehydrogenase; LDH; Human Lactate Dehydrogenase; LDH ELISA Kit; LDH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	315
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5U/L - 1000U/L
Sensitivity	2.48U/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LDH elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Lactate Dehydrogenase (also known as LDH) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human LDH antibody. LDH present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human LDH Antibody is added and binds to LDH in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LDH antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human LDH. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	495272922
NCBI Accession #	WP_007997677.1
NCBI GenBank Nucleotide #	WP_007997677.1
Molecular Weight	33,201 Da
NCBI Official Full Name	lactate dehydrogenase
UniProt Protein Name	Malate/lactate dehydrogenase
UniProt Gene Name	PMI29_02908

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/lactate-dehydrogenase-ldh/42267>