

Human D-Lactate Dehydrogenase, D-LDH ELISA Kit | D-LDH elisa kit

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CATALOG #
AAA41141

REACTIVITY
Human

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	330
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5mIU/ml - 2000mIU/ml
Sensitivity	2.42IU/ml
Intra-Assay	CV<8%
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 D-LDH elisa kit

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

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human D-LDH antibody. D-LDH present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human D-LDH Antibody is added and binds to D-LDH in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated D-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 D-LDH. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	81693714
UniProt Accession #	Q5HD29
Molecular Weight	36,682 Da
NCBI Official Full Name	D-lactate dehydrogenase
UniProt Protein Name	D-lactate dehydrogenase
UniProt Gene Name	ldhD
UniProt Synonym Gene Names	ddh; D-LDH

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/human-elisa-kits/d-lactate-dehydrogenase-d-ldh/41141>