

Mouse D-LDH ELISA Kit | D-LDH elisa kit

Mouse D-LDH (D-Lactate Dehydrogenase) ELISA Kit

CATALOG #
AAA164180

REACTIVITY
Mouse

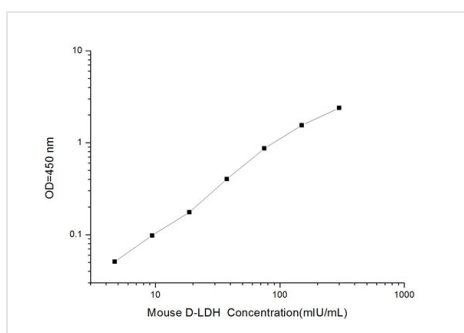
PRODUCT SYNONYMS

D-LDH; Mouse D-LDH (D-Lactate Dehydrogenase) ELISA Kit; D-LDH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse D-LDH. No significant cross-reactivity or interference between Mouse D-LDH and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse D-LDH and all the analogues, therefore, cross reaction may still exist.
Sequence Length	331
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	4.688-300 mIU/mL
Sensitivity	Min: 2.813 mIU/mL; Max: 300 mIU/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for D-LDH elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of D-LDH in Mouse serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse D-LDH. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Mouse D-LDH and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse D-LDH, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Mouse D-LDH. You can calculate the concentration of Mouse D-LDH in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38604697
NCBI GeneID	2611300
UniProt Accession #	O83080
Molecular Weight	36,873 Da
NCBI Official Full Name	D-lactate dehydrogenase
UniProt Protein Name	D-lactate dehydrogenase
UniProt Gene Name	ldhD
UniProt Synonym Gene Names	D-LDH
UniProt Entry Name	LDHD_TREPA

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/mouse-elisa-kits/d-ldh/164180>