

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

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

CATALOG #
AAA165635

REACTIVITY
Rat

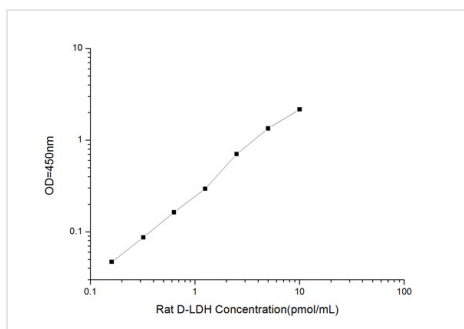
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat D-LDH. No significant cross-reactivity or interference between Rat D-LDH and analogues was observed.
Sequence Length	331
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10 pmol/mL
Sensitivity	Min: 0.094 pmol/mL; Max: 10 pmol/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for D-LDH elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of RatD-LDHconcentrations in 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 D-LDH. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for 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 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 D-LDH. You can calculate the concentration of 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/rat-elisa-kits/d-ldh/165635>