

Mouse LDL ELISA Kit | LDL elisa kit

Mouse LDL (Low Density Lipoprotein) ELISA Kit

CATALOG #
AAA21429

REACTIVITY
Mouse

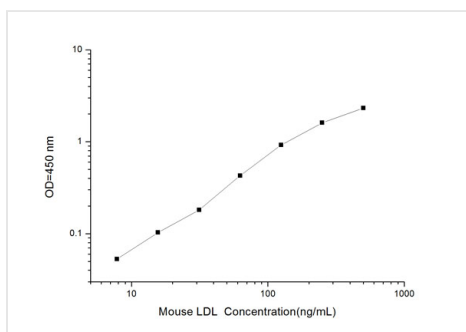
PRODUCT SYNONYMS

LDL; Mouse LDL (Low Density Lipoprotein) ELISA Kit; LDL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse LDL in samples. No significant cross-reactivity or interference between Mouse LDL and analogues was observed.
Sequence Length	136
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	7.81-500ng/mL
Sensitivity	4.69ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse LDL were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse LDL were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LDL elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse LDL. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse LDL and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse LDL, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop 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 LDL. You can calculate the concentration of Mouse LDL in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse LDL concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	347369033
Molecular Weight	14,640 Da
NCBI Official Full Name	L-lactate dehydrogenase, partial
UniProt Protein Name	L-lactate dehydrogenase
UniProt Gene Name	Idl
UniProt Entry Name	G3G1T6_BIFLN

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://www.aaabiotech.com/mouse-elisa-kits/Idl/21429>