

Mouse Very Low Density Lipoprotein Receptor (VLDLR) ELISA Kit | VLDLR elisa kit

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CATALOG #
AAA68756

REACTIVITY
Mouse

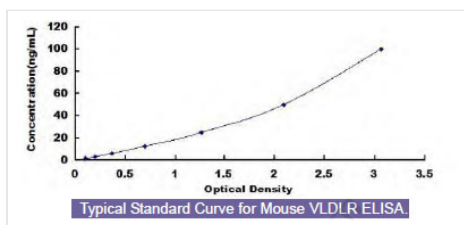
PRODUCT SYNONYMS

Very Low Density Lipoprotein Receptor (VLDLR); Mouse Very Low Density Lipoprotein Receptor (VLDLR) ELISA Kit; VLDL-R; VLDLR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of VLDLR. No significant cross-reactivity or interference between VLDLR and analogues was observed.
Sequence Length	845
Samples	Tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	<0.53ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level VLDLR were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level VLDLR were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VLDLR elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of VLDLR in mouse tissue homogenates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to VLDLR. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to VLDLR. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain VLDLR, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of VLDLR in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	238637305
NCBI GeneID	22359
NCBI Accession #	NP_001154892.1
NCBI GenBank Nucleotide #	NM_001161420.1
UniProt Accession #	P98156; Q64022
Molecular Weight	96,373 Da
NCBI Official Full Name	very low-density lipoprotein receptor isoform b
NCBI Official Synonym Full Names	very low density lipoprotein receptor
NCBI Official Symbol	Vldlr
NCBI Official Synonym Symbols	AA408956; AI451093; AW047288
NCBI Protein Information	very low-density lipoprotein receptor
UniProt Protein Name	Very low-density lipoprotein receptor
UniProt Gene Name	Vldlr
UniProt Synonym Gene Names	VLDL receptor; VLDL-R

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/very-low-density-lipoprotein-receptor-vldlr/68756>