

Mouse Very Low Density Lipoprotein (VLDL) RTU ELISA Kit | VLDL rtu elisa kit

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CATALOG #
AAA23985

REACTIVITY
Mouse

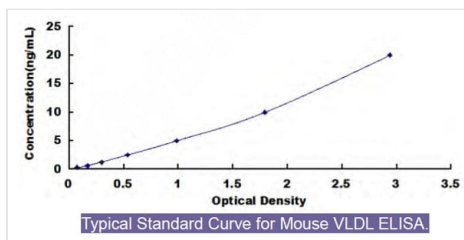
PRODUCT SYNONYMS

Very Low Density Lipoprotein (VLDL); Mouse Very Low Density Lipoprotein (VLDL) ELISA Kit; Pre-beta-Lipoprotein; Pre-Beta Lipoprotein; VLDL rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of VLDL. No significant cross-reactivity or interference between VLDL and analogues was observed.
Sequence Length	873
Assay Type	Quantitative Sandwich
Samples	Mouse serum, plasma, tissue homogenates or other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.120ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level VLDL 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 VLDL were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VLDL rtu elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to VLDL. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to VLDL. 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 VLDL, 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 VLDL in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of VLDL in mouse serum, plasma, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	688371
NCBI GeneID	7436
Molecular Weight	93,383 Da
NCBI Official Full Name	very low density lipoprotein receptor
NCBI Official Synonym Full Names	very low density lipoprotein receptor
NCBI Official Symbol	VLDLR
NCBI Official Synonym Symbols	CAMRQ1; CARMQ1; CHRMQ1; VLDL-R; VLDLRCH
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-rtu-elisa-kits/very-low-density-lipoprotein-vidl/23985>