

Human Very low-density lipoprotein receptor ELISA Kit | VLDLR elisa kit

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CATALOG #
AAA100589

REACTIVITY
Human

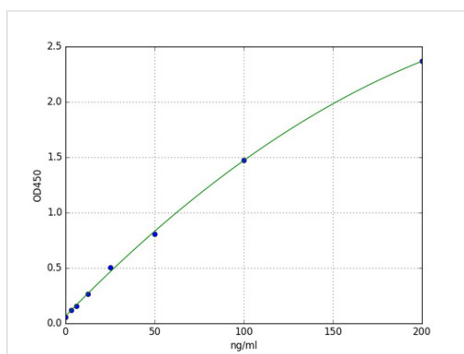
PRODUCT SYNONYMS

Very low-density lipoprotein receptor; Human Very low-density lipoprotein receptor ELISA Kit; VLDLR (Very low-density lipoprotein receptor)/CHRMQ1/VLDLRCH/CARMQ1/very low density lipoprotein receptor/VLDL receptor/VLDL-R; VLDLR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	873
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a VLDLR ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	3.125	6.25	12.5	25	50	100	200
Y	OD450	0.042	0.075	0.125	0.201	0.349	0.626	1.357	2.374

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VLDLR elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-VLDLR antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-VLDLR antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the VLDLR amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of VLDLR can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	688371
Molecular Weight	93,383 Da
NCBI Official Full Name	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
UniProt Entry Name	VLDLR_HUMAN

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/vldlr-human-elisa-kits/very-low-density-lipoprotein-receptor/100589>