

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

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CATALOG #
AAA330141

REACTIVITY
Rat

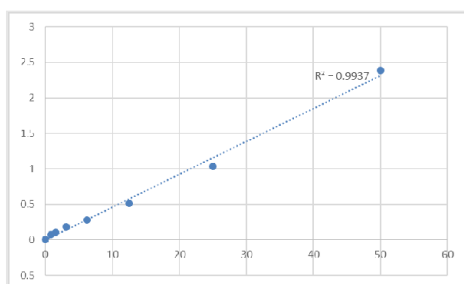
PRODUCT SYNONYMS

Very Low-Density Lipoprotein Receptor (VLDLR); Rat Very Low-Density Lipoprotein Receptor (VLDLR) ELISA Kit; VLDLR; RP11-320E16.1; CHRMQ1; FLJ35024; VLDLRCH; VLDLR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Rat Very low-density lipoprotein receptor (VLDLR) ELISA Kit has high sensitivity and excellent specificity for detection of Rat VLDLR. No significant cross-reactivity or interference between Rat VLDLR and analogues was observed.
Sequence Length	873
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Rat Very low-density lipoprotein receptor (VLDLR) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for VLDLR elisa kit	Description: This Rat Very low-density lipoprotein receptor (VLDLR) ELISA Kit employs a two-site sandwich ELISA to quantitate VLDLR in samples. An antibody specific for VLDLR has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any VLDLR present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for VLDLR is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of VLDLR bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Sugie et al. (2005) classified XMEA as a form of autophagic vacuolar myopathy, characterized by intracytoplasmic autophagic vacuoles with sarcolemmal features. The clinical course was mild; the patients suffered from slowly progressive muscle weakness mainly in the legs, but did not lose their ability to walk. There was no evidence of cardiac or neural involvement. Serum creatine kinase was elevated. By electron microscopy, an excessive number of autophagic vacuoles with staining properties of lysosomes were observed. The granular and membranous material contained in these vacuoles was actively exocytosed. The authors suggested that this disorder differed from the muscular dystrophy of Duchenne and Becker and of Emery-Dreifuss as well as from X-linked myotubular myopathy.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126723673
NCBI GeneID	100008976
NCBI Accession #	NP_001075657.1
NCBI GenBank Nucleotide #	NP_001075657.1
UniProt Accession #	P35953
NCBI Official Full Name	very low-density lipoprotein receptor
NCBI Official Symbol	VLDLR
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/rat-elisa-kits/very-low-density-lipoprotein-receptor-vldlr/330141>