

Monkey Very low density lipoprotein receptor ELISA Kit | VLDLR elisa kit

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CATALOG #
AAA96541

REACTIVITY
Monkey

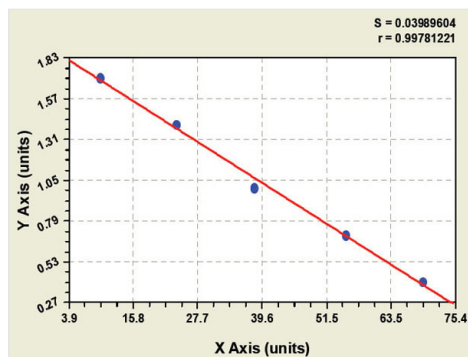
PRODUCT SYNONYMS

Very low density lipoprotein receptor; Monkey Very low density lipoprotein receptor ELISA Kit; VLDLR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This VLDLR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey VLDLR. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VLDLR elisa kit	Principle of the Assay: VLDLR ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-VLDLR antibody and an VLDLR-HRP conjugate. The assay sample and buffer are incubated together with VLDLR-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the VLDLR concentration since VLDLR from samples and VLDLR-HRP conjugate compete for the anti-VLDLR antibody binding site. Since the number of sites is limited, as more sites are occupied by VLDLR from the sample, fewer sites are left to bind VLDLR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VLDLR concentration in each sample is interpolated from this standard curve.
Product Categories/Family for VLDLR elisa kit	Cardiovascular

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://www.aaabiotech.com/vldlr-monkey-elisa-kits/very-low-density-lipoprotein-receptor/96541>