

Monkey Very Low Density Lipoproteins ELISA Kit | VLDL elisa kit

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CATALOG #
AAA89103

REACTIVITY
Monkey

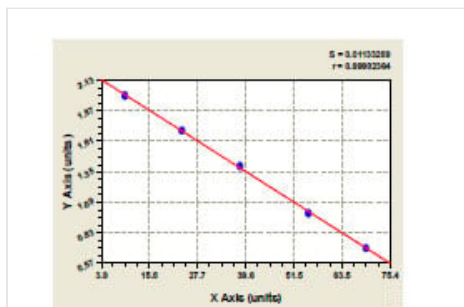
PRODUCT SYNONYMS

Very Low Density Lipoproteins; Monkey Very Low Density Lipoproteins ELISA Kit; VLDL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VLDL elisa kit

Intended Uses: This VLDL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey VLDL. This ELISA kit for research use only!

Principle of the Assay: VLDL ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-VLDL antibody and an VLDL-HRP conjugate. The assay sample and buffer are incubated together with VLDL-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 VLDL concentration since VLDL from samples and VLDL-HRP conjugate compete for the anti-VLDL antibody binding site. Since the number of sites is limited, as more sites are occupied by VLDL from the sample, fewer sites are left to bind VLDL-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VLDL concentration in each sample is interpolated from this standard curve.

Product Categories/Family for VLDL elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	84872465
Molecular Weight	30,904 Da
NCBI Official Full Name	VldL
UniProt Protein Name	VldL
UniProt Gene Name	vidL
UniProt Entry Name	Q15JF4_STRHY

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/vldl-monkey-elisa-kits/very-low-density-lipoproteins/89103>