

Rabbit Vitellogenin ELISA Kit | VG elisa kit

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CATALOG #
AAA95731

REACTIVITY
Rabbit

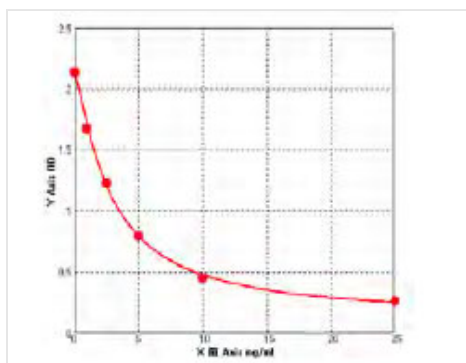
PRODUCT SYNONYMS

Vitellogenin; Rabbit Vitellogenin ELISA Kit; VG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VG elisa kit

Intended Uses: This VLDL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse 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 VG elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	7009577
UniProt Accession #	O76823
Molecular Weight	213,639 Da
NCBI Official Full Name	vitellogenin
UniProt Protein Name	Vitellogenin
UniProt Entry Name	O76823_BLAG

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/vg-rabbit-elisa-kits/vitellogenin/95731>