

Rat Very Low Density Lipoprotein ELISA Kit | VLDL elisa kit

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CATALOG #
AAA102418

REACTIVITY
Rat

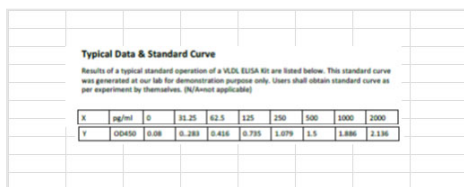
PRODUCT SYNONYMS

Very Low Density Lipoprotein; Rat Very Low Density Lipoprotein ELISA Kit; VLDL; VLDL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of VLDL . No significant cross-reactivity or interference between VLDL and analogues was observed.
Sequence Length	97
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level VLDL were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level VLDL were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for VLDL elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-VLDL antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- VLDL antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRPStreptavidin 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 VLDL amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of VLDL can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	452883489
Molecular Weight	10,636 Da
NCBI Official Full Name	very low density lipoprotein, partial
UniProt Protein Name	Very low density lipoprotein
UniProt Gene Name	VLDL
UniProt Entry Name	M1RMG9_CHICK

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-rat-elisa-kits/very-low-density-lipoprotein/102418>