

Human Very Low Density Lipoprotein (VLDL) ELISA Kit | VLDL elisa kit

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CATALOG #
AAA65275

REACTIVITY
Human

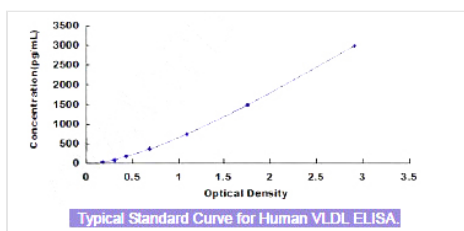
PRODUCT SYNONYMS

Very Low Density Lipoprotein (VLDL); Human Very Low Density Lipoprotein (VLDL) ELISA Kit; Pre- β -Lipoprotein; Pre-Beta Lipoprotein; VLDL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	46.875-3000pg/mL
Sensitivity	19.55pg/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<10%
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<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VLDL elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of VLDL in human serum, plasma, and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to VLDL. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to VLDL. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain VLDL, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of VLDL in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	452883489
NCBI Official Full Name	very low density lipoprotein, partial

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/human-elisa-kits/very-low-density-lipoprotein-vldl/65275>