

Human High Density Lipoprotein Binding Protein (HDLBP) ELISA Kit | HDLBP elisa kit

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CATALOG #
AAA136071

REACTIVITY
Human

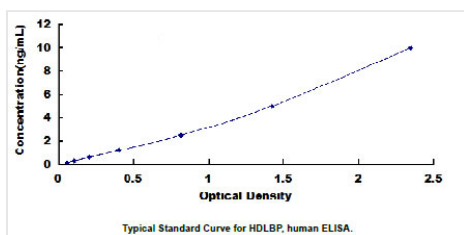
PRODUCT SYNONYMS

High Density Lipoprotein Binding Protein (HDLBP); Human High Density Lipoprotein Binding Protein (HDLBP) ELISA Kit; HBP; VGL; Vigilin; HDLBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HDLBP. No significant cross-reactivity or interference between HDLBP and analogues was observed.
Sequence Length	1268
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	0.138ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HDLBP 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 HDLBP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HDLBP elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HDLBP in human tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to HDLBP. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to HDLBP. 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 HDLBP, 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 HDLBP in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for HDLBP elisa kit	Metabolic pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	183892
Molecular Weight	137,987 Da
NCBI Official Full Name	high density lipoprotein binding protein
UniProt Protein Name	Vigilin
UniProt Gene Name	HDLBP
UniProt Synonym Gene Names	HBP; VGL; HDL-binding protein
UniProt Entry Name	VIGLN_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/human-elisa-kits/high-density-lipoprotein-binding-protein-hdlbp/136071>