

Human Vigilin ELISA Kit | HDLBP elisa kit

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CATALOG #
AAA101091

REACTIVITY
Human

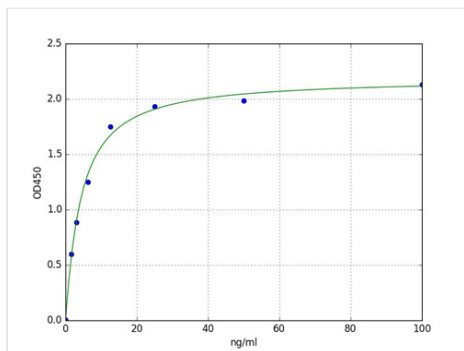
PRODUCT SYNONYMS

Vigilin; Human Vigilin ELISA Kit; HDLBP/HBP/VGL/High density lipoprotein-binding protein (HDL-binding protein); HDLBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1268
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a Human HDLBP ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	0.004	0.530	0.973	1.354	1.784	2.377	2.522	2.906

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HDLBP elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI # 42716280

NCBI GeneID	3069
NCBI Accession #	NP_976221.1
NCBI GenBank Nucleotide #	NM_203346.3
Molecular Weight	137,987 Da
NCBI Official Full Name	vigilin isoform a
NCBI Official Synonym Full Names	high density lipoprotein binding protein
NCBI Official Symbol	HDLBP
NCBI Official Synonym Symbols	HBP; VGL; PRO2900
NCBI Protein Information	vigilin
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/hdlbp-human-elisa-kits/vigilin/101091>