

Human Vigilin ELISA Kit | HDLBP elisa kit

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CATALOG #
AAA246494

REACTIVITY
Human

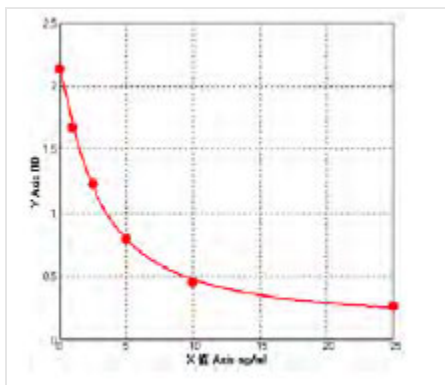
PRODUCT SYNONYMS

Vigilin; Human Vigilin ELISA Kit; HDLBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of VGN. No significant cross-reactivity or interference between VGN and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between VGN and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HDLBP elisa kit	Intended Uses: This VGN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human VGN. This ELISA kit for research use only! Principle of the Assay: VGN ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-VGN antibody and an VGN-HRP conjugate. The assay sample and buffer are incubated together with VGN-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 VGN concentration since VGN from samples and VGN-HRP conjugate compete for the anti-VGN antibody binding site. Since the number of sites is limited, as more sites are occupied by VGN from the sample, fewer sites are left to bind VGN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VGN concentration in each sample is interpolated from this standard curve.
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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; HDL-binding protein; 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/hdlbp-human-elisa-kits/vigilin/246494>