

## Mouse Vigilin (HDLBP) ELISA Kit | HDLBP elisa kit

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CATALOG #  
**AAA246652**

REACTIVITY  
**Mouse**

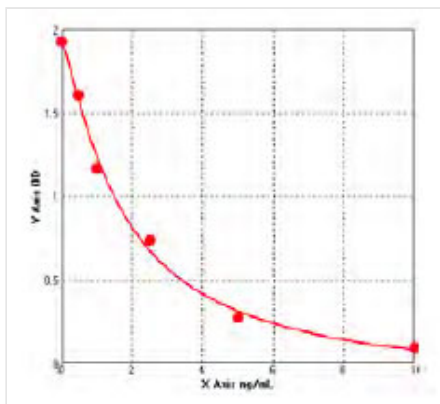
### PRODUCT SYNONYMS

Vigilin (HDLBP); Mouse Vigilin (HDLBP) ELISA Kit; HDLBP elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                                                                                                                                                                                                                       |
| 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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between HDLBP and all the analogues, therefore, cross reaction may still exist in some cases. |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                    |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                                  |
| 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 | <p>Principle of the Assay: HDLBP ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-HDLBP antibody and an HDLBP-HRP conjugate. The assay sample and buffer are incubated together with HDLBP-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 HDLBP concentration since HDLBP from samples and HDLBP-HRP conjugate compete for the anti-HDLBP antibody binding site. Since the number of sites is limited, as more sites are occupied by HDLBP from the sample, fewer sites are left to bind HDLBP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HDLBP concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This HDLBP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse HDLBP. This ELISA kit for research use only, not for therapeutic or test applications!</p> |
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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                | <b>HDLBP</b>                                                           |
| 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.