

Human Glycosylphosphatidylinositol Anchored High Density Lipoprotein Binding Protein 1 (GPIHBP1) ELISA Kit | GPIHBP1 elisa kit

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CATALOG # AAA66505	REACTIVITY Human
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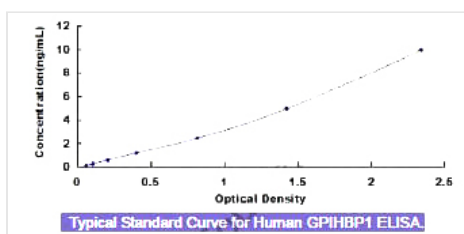
PRODUCT SYNONYMS

Glycosylphosphatidylinositol Anchored High Density Lipoprotein Binding Protein 1 (GPIHBP1); Human Glycosylphosphatidylinositol Anchored High Density Lipoprotein Binding Protein 1 (GPIHBP1) ELISA Kit; GPI-HBP1; High density lipoprotein-binding protein 1; GPIHBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GPIHBP1. No significant cross-reactivity or interference between GPIHBP1 and analogues was observed.
Sequence Length	125
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.054ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level GPIHBP1 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 GPIHBP1 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 GPIHBP1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GPIHBP1 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GPIHBP1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GPIHBP1. 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 GPIHBP1, 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 GPIHBP1 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 #	684179339
NCBI GeneID	338328
NCBI Accession #	NP_001288701.1
NCBI GenBank Nucleotide #	NM_001301772.1
UniProt Accession #	Q8IV16; Q6P3T2; Q86W15
Molecular Weight	19,806 Da
NCBI Official Full Name	glycosylphosphatidylinositol-anchored high density lipoprotein-binding protein 1 isoform 2
NCBI Official Synonym Full Names	glycosylphosphatidylinositol anchored high density lipoprotein binding protein 1
NCBI Official Symbol	GPIHBP1
NCBI Official Synonym Symbols	HYPL1D; GPI-HBP1
NCBI Protein Information	glycosylphosphatidylinositol-anchored high density lipoprotein-binding protein 1
UniProt Protein Name	Glycosylphosphatidylinositol-anchored high density lipoprotein-binding protein 1
UniProt Gene Name	GPIHBP1
UniProt Synonym Gene Names	HBP1; GPI-HBP1; GPI-anchored HDL-binding protein 1

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/glycosylphosphatidylinositol-anchored-high-density-lipoprotein-binding-protein-1-gpihbp1/66505>