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

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CATALOG #	REACTIVITY
AAA137825	**Human**

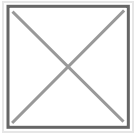
PRODUCT SYNONYMS

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 Glycosylphosphatidylinositol Anchored High Density Lipoprotein Binding Protein 1 (GPIHBP1). No significant cross-reactivity or interference between Glycosylphosphatidylinositol Anchored High Density Lipoprotein Binding Protein 1 (GPIHBP1) and analogues was observed.
Sequence Length	184
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.625-10ng/mL
Sensitivity	0.242ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Glycosylphosphatidylinositol Anchored High Density Lipoprotein Binding Protein 1 (GPIHBP1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Glycosylphosphatidylinositol Anchored High Density Lipoprotein Binding Protein 1 (GPIHBP1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
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 GPIHBP1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Glycosylphosphatidylinositol Anchored High Density Lipoprotein Binding Protein 1 (GPIHBP1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Glycosylphosphatidylinositol Anchored High Density Lipoprotein Binding Protein 1 (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 Glycosylphosphatidylinositol Anchored High Density Lipoprotein Binding Protein 1 (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 Glycosylphosphatidylinositol Anchored High Density Lipoprotein Binding Protein 1 (GPIHBP1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for GPIHBP1 elisa kit	Metabolic pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	30794264
NCBI GeneID	338328
NCBI Accession #	NP_835466.1
NCBI GenBank Nucleotide #	NM_178172.4
UniProt Accession #	Q8IV16; Q6P3T2; Q86W15
Molecular Weight	19,806 Da
NCBI Official Full Name	glycosylphosphatidylinositol-anchored high density lipoprotein-binding protein 1
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
UniProt Entry Name	HDBP1_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://stage.aaabiotech.com/human-elisa-kits/glycosylphosphatidylinositol-anchored-high-density-lipoprotein-binding-protein-1-gpihbp1/137825