

Human G Protein Coupled Receptor 35 (GPR35) ELISA Kit | GPR35 elisa kit

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CATALOG #
AAA68034

REACTIVITY
Human

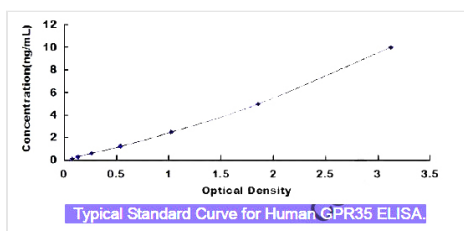
PRODUCT SYNONYMS

G Protein Coupled Receptor 35 (GPR35); Human G Protein Coupled Receptor 35 (GPR35) ELISA Kit; GPR35 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GP4. No significant cross-reactivity or interference between GP4 and analogues was observed.
Sequence Length	340
Samples	Mouse Serum, Plasma, Tissue Homogenates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.39-25ng/mL
Sensitivity	0.18ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level GP4 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 GP4 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 GPR35 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of GP4 in mouse serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GP4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GP4. 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 GP4, 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 GP4 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 #	305855114
NCBI GeneID	2859
NCBI Accession #	NP_001182310.1
NCBI GenBank Nucleotide #	NM_001195381.1
UniProt Accession #	Q9HC97; O43495; Q17R58; Q4VBN5; Q4ZFY2; Q6FHI8; Q86UH4; J3KR30
Molecular Weight	37,452 Da
NCBI Official Full Name	G-protein coupled receptor 35 isoform b
NCBI Official Synonym Full Names	G protein-coupled receptor 35
NCBI Official Symbol	GPR35
NCBI Protein Information	G-protein coupled receptor 35
UniProt Protein Name	G-protein coupled receptor 35
UniProt Gene Name	GPR35
UniProt Synonym Gene Names	KYNA receptor

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/g-protein-coupled-receptor-35-gpr35/68034>