

Human Probable G-protein coupled receptor 116 ELISA Kit | GPR116 elisa kit

Human Probable G-protein coupled receptor 116 (GPR116) ELISA Kit

CATALOG # AAA55637	REACTIVITY Human
------------------------------	----------------------------

PRODUCT SYNONYMS

Probable G-protein coupled receptor 116; Human Probable G-protein coupled receptor 116 (GPR116) ELISA Kit; GPR116 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human GPR116. No significant cross-reactivity or interference between Human GPR116 and analogues was observed.
Sequence Length	1346
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for GPR116 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate GPR116 in samples. An antibody specific for GPR116 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GPR116 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GPR116 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GPR116 bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	148719671
NCBI GeneID	221395
NCBI Accession #	NP_001091988.1
NCBI GenBank Nucleotide #	NM_001098518.1
UniProt Accession #	Q8IZF2 ; Q94858 ; Q5TF06 ; Q6RGN2 ; Q86SP0 ; Q9Y3Z2

Molecular Weight	133,307 Da
NCBI Official Full Name	adhesion G protein-coupled receptor F5
NCBI Official Synonym Full Names	adhesion G protein-coupled receptor F5
NCBI Official Symbol	ADGRF5
NCBI Official Synonym Symbols	GPR116; KPG_001
NCBI Protein Information	adhesion G protein-coupled receptor F5
UniProt Protein Name	Adhesion G protein-coupled receptor F5
UniProt Gene Name	ADGRF5

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/gpr116-human-elisa-kits/probable-g-protein-coupled-receptor-116/55637>