

Human Probable G-protein coupled receptor 32 ELISA Kit | GPR32 elisa kit

Human Probable G-protein coupled receptor 32 (GPR32) ELISA Kit

CATALOG # AAA55606	REACTIVITY Human
------------------------------	----------------------------

PRODUCT SYNONYMS

Probable G-protein coupled receptor 32; Human Probable G-protein coupled receptor 32 (GPR32) ELISA Kit; GPR32 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human GPR32. No significant cross-reactivity or interference between Human GPR32 and analogues was observed.
Sequence Length	356
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.31 ng/mL - 20 ng/mL
Sensitivity	0.15 ng/mL (mean of 6 independent assays)
Intra-assay 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. Intra-Assay: CV<8%
Inter-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. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for GPR32 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate GPR32 in Human serum, plasma, tissue homogenates. An antibody specific for GPR32 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GPR32 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GPR32 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 GPR32 bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Human Probable G-protein coupled receptor 32 (GPR32) concentration in serum, plasma, tissue homogenates and other biological fluids.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504093
NCBI GeneID	2854
NCBI Accession #	NP_001497.1
NCBI GenBank Nucleotide #	NM_001506.2

UniProt Accession #	O75388 ; Q502U7 ; Q6NWS5
Molecular Weight	40,087 Da
NCBI Official Full Name	probable G-protein coupled receptor 32
NCBI Official Synonym Full Names	G protein-coupled receptor 32
NCBI Official Symbol	GPR32
NCBI Official Synonym Symbols	RVDR1
NCBI Protein Information	probable G-protein coupled receptor 32
UniProt Protein Name	Probable G-protein coupled receptor 32
UniProt Gene Name	GPR32

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/gpr32-human-elisa-kits/probable-g-protein-coupled-receptor-32/55606>