

Human Probable G-protein coupled receptor 75 ELISA Kit | GPR75 elisa kit

Human Probable G-protein coupled receptor 75 (GPR75) ELISA Kit

CATALOG # AAA55576	REACTIVITY Human
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PRODUCT SYNONYMS

Probable G-protein coupled receptor 75; Human Probable G-protein coupled receptor 75 (GPR75) ELISA Kit; GPR75 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human GPR75. No significant cross-reactivity or interference between Human GPR75 and analogues was observed.
Sequence Length	540
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	78.1 pg/mL - 5000 pg/mL
Sensitivity	39 pg/mL
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 GPR75 elisa kit	Intended Uses: For the quantitative detection of Human Probable G-protein coupled receptor 75 (GPR75) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate GPR75 in Human serum, plasma. An antibody specific for GPR75 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GPR75 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GPR75 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 GPR75 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5803025
NCBI GeneID	10936
NCBI Accession #	NP_006785.1
NCBI GenBank Nucleotide #	NM_006794.3
UniProt Accession #	O95800; Q6NWR2; B2RC02

Molecular Weight	59,359 Da
NCBI Official Full Name	probable G-protein coupled receptor 75
NCBI Official Synonym Full Names	G protein-coupled receptor 75
NCBI Official Symbol	GPR75
NCBI Official Synonym Symbols	GPRchr2; WI31133
NCBI Protein Information	probable G-protein coupled receptor 75
UniProt Protein Name	Probable G-protein coupled receptor 75
UniProt Gene Name	GPR75

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://www.aaabiotech.com/gpr75-human-elisa-kits/probable-g-protein-coupled-receptor-75/55576>