

Human G Protein Coupled Receptor 37 ELISA Kit | GPR37 elisa kit

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CATALOG #
AAA98169

REACTIVITY
Human

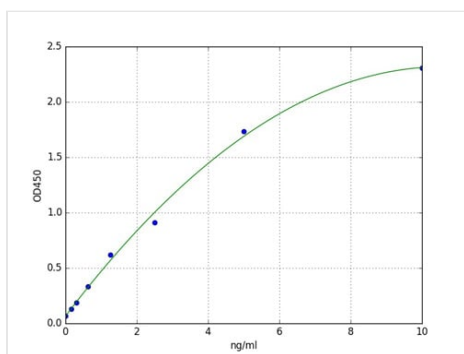
PRODUCT SYNONYMS

G Protein Coupled Receptor 37; Human G Protein Coupled Receptor 37 ELISA Kit; GPR37/ETBR-LP-1/PAELR/EDNRBL/Endothelin B receptor-like protein 1/G protein-coupled receptor 37 (endothelin receptor type B-like)/hET (B)R-LP/PAELRETBR-LP-1/Parkin-associated endothelin receptor-like receptor/probable G-protein coupled receptor 37; GPR37 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	613
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human GPR37 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.048	0.082	0.122	0.185	0.300	0.566	1.062	1.883

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPR37 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human GPR37 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human GPR37 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human GPR37 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human GPR37 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3892879
NCBI GeneID	2861
UniProt Accession #	O15354; O00348; O14768; Q8TD39; A4D0Y6
Molecular Weight	67,114 Da
NCBI Official Full Name	G protein coupled receptor 37
NCBI Official Synonym Full Names	G protein-coupled receptor 37 (endothelin receptor type B-like)
NCBI Official Symbol	GPR37
NCBI Official Synonym Symbols	PAELR; EDNRBL; hET(B)R-LP
NCBI Protein Information	prosaposin receptor GPR37
UniProt Protein Name	Prosaposin receptor GPR37
UniProt Gene Name	GPR37
UniProt Synonym Gene Names	ETBR-LP-1; PAELR
UniProt Entry Name	GPR37_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/gpr37-human-elisa-kits/g-protein-coupled-receptor-37/98169>