

Human G Protein Coupled Estrogen Receptor 1 ELISA Kit | GPER1 elisa kit

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CATALOG #
AAA122982

REACTIVITY
Human

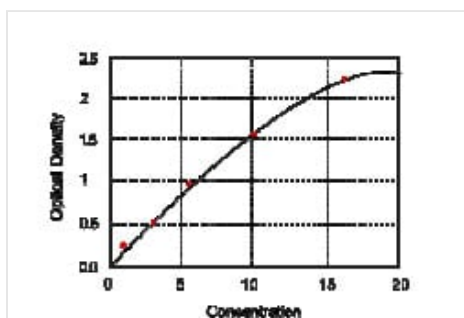
PRODUCT SYNONYMS

G Protein Coupled Estrogen Receptor 1; Human G Protein Coupled Estrogen Receptor 1 ELISA Kit; GPER1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	375
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.099ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested 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 separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPER1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human G Protein Coupled Estrogen Receptor 1 (also known as GPER) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human GPER antibody. GPER present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human GPER Antibody is added and binds to GPER in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GPER antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human GPER. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148228791
NCBI GeneID	2852
NCBI Accession #	NP_001091671.1
NCBI GenBank Nucleotide #	NM_001098201.3
UniProt Accession #	Q99527
NCBI Official Full Name	G-protein coupled estrogen receptor 1
NCBI Official Synonym Full Names	G protein-coupled estrogen receptor 1
NCBI Official Symbol	GPHER1
NCBI Official Synonym Symbols	mER; CEPR; GPER; DRY12; FEG-1; GPR30; LERGU; LyGPR; CMKRL2; LERGU2; GPCR-Br
NCBI Protein Information	G-protein coupled estrogen receptor 1
UniProt Protein Name	G-protein coupled estrogen receptor 1
UniProt Gene Name	GPHER1
UniProt Synonym Gene Names	CEPR; CMKRL2; DRY12; GPER; GPR30; FEG-1; LYGPR; mER
UniProt Entry Name	GPHER1_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/human-elisa-kits/g-protein-coupled-estrogen-receptor-1/122982>