

Mouse G-protein coupled estrogen receptor 1 ELISA Kit | Gper elisa kit

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CATALOG #
AAA98270

REACTIVITY
Mouse

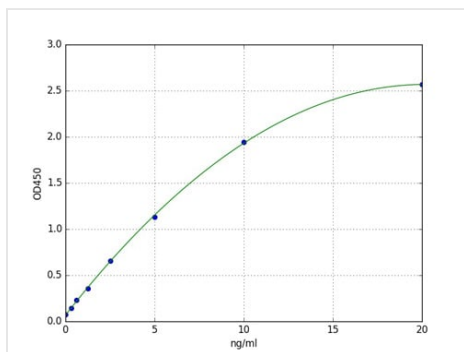
PRODUCT SYNONYMS

G-protein coupled estrogen receptor 1; Mouse G-protein coupled estrogen receptor 1 ELISA Kit; Gper/CEPR/CMKRL2/DRY12/FEG-1/GPCR-BR/GPR30/LEGRU2/LEGRU/LyGPR/FEG-1mER/G-protein coupled receptor 30/Chemoattractant receptor-like 2/chemokine receptor-like 2/constitutively expressed peptide-like receptor/IL8-related receptor DRY12/Flow-induced endothelial G-protein coupled receptor 1/G-protein coupled estrogen receptor 1/heptahelix receptor/Lymphocyte-derived G-protein coupled receptor/Membrane estrogen receptor; Gper elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	375
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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 Mouse Gper 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	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.014	0.120	0.240	0.390	0.770	1.487	1.769	2.190

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Gper elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Gper antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Gper 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 Mouse Gper amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Gper can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148228791
NCBI GeneID	2852
NCBI Accession #	NP_001091671.1
NCBI GenBank Nucleotide #	NM_001098201.1
Molecular Weight	42,248 Da
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/gper-mouse-elisa-kits/g-protein-coupled-estrogen-receptor-1/98270>