

Rat G-protein coupled estrogen receptor 1 ELISA Kit | GPER1 elisa kit

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CATALOG #
AAA18941

REACTIVITY
Rat

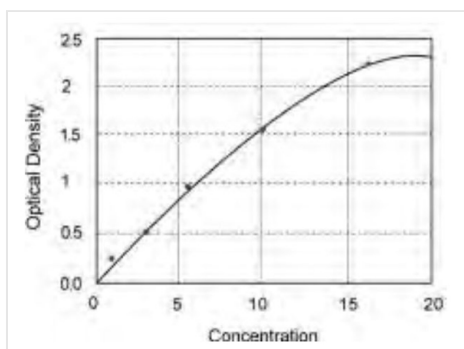
PRODUCT SYNONYMS

G-protein coupled estrogen receptor 1; Rat G-protein coupled estrogen receptor 1 ELISA Kit; GPER1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	375
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.5-60ng/ml
Sensitivity	0.31ng/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	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat GPER1 antibody. GPER1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat GPER1 Antibody is added and binds to GPER1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GPER1 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 Rat GPER1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat G Protein Coupled Estrogen Receptor 1 (also known as GPER1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148228791
NCBI GeneID	2852
NCBI Accession #	NP_001091671.1
NCBI GenBank Nucleotide #	NM_001098201.2
UniProt Accession #	Q99527; O00143; O43494; Q13631; Q6FHL1; Q96F42; Q99981; A8K6C5; B5BUJ1
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	GPER1
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	GPER1
UniProt Synonym Gene Names	CEPR; CMKRL2; DRY12; GPER; GPR30; FEG-1; LYGPR; mER

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/rat-elisa-kits/g-protein-coupled-estrogen-receptor-1/18941>