

Mouse G Protein Coupled Estrogen Receptor 1 (GPER) RTU ELISA Kit | GPER rtu elisa kit

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CATALOG #
AAA70984

REACTIVITY
Mouse

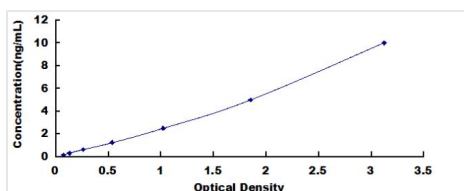
PRODUCT SYNONYMS

G Protein Coupled Estrogen Receptor 1 (GPER); Mouse G Protein Coupled Estrogen Receptor 1 (GPER) ELISA Kit; GPR30; CMKRL2; DRY12; FEG-1; GPCR-Br; LERGU; LyGPR; Membrane estrogen receptor; Chemoattractant receptor-like 2; Flow-induced endothelial G-protein coupled receptor 1; GPER rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	375
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.054ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPER rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GPER. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GPER. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain GPER, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of GPER in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	254588034
NCBI GeneID	76854
NCBI Accession #	NP_084047.2
NCBI GenBank Nucleotide #	NM_029771.3
UniProt Accession #	Q8BMP4; Q9D392; B2RRW0
Molecular Weight	42,479 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	Gper; Cepri; FEG-1; Gpr30; CMKRL2; GPCR-Br; 6330420K13Rik
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	Cmkrl2; Gper; Gpr30; 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/mouse-rtu-elisa-kits/g-protein-coupled-estrogen-receptor-1-gper/70984>