

Porcine G Protein Coupled Receptor ELISA Kit | GPCR elisa kit

Porcine G Protein Coupled Receptor ELISA Kit

CATALOG #
AAA90474

REACTIVITY
Porcine

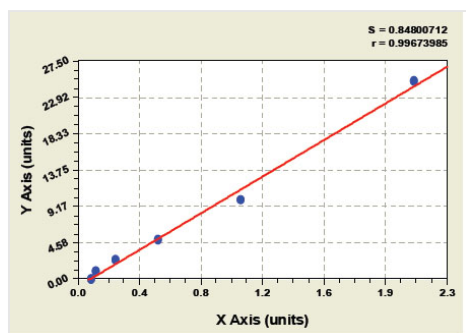
PRODUCT SYNONYMS

G Protein Coupled Receptor; Porcine G Protein Coupled Receptor ELISA Kit; GPCR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	0.1 ng/mL.
Intended Uses	This GPCR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine GPCR. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for GPCR elisa kit

Principle of the Assay: GPCR ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for GPCR. Standards or samples are then added to the microtiter plate wells and GPCR if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of GPCR present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for GPCR are added to each well to "sandwich" the GPCR immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain GPCR and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GPCR concentration in each sample is interpolated from this standard curve.

Product Categories/Family for GPCR elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	145336679
NCBI GeneID	841725
NCBI Accession #	NP_175700.2
NCBI GenBank Nucleotide #	NM_104170.2
Molecular Weight	46,451 Da
NCBI Official Full Name	G-protein coupled receptor 2
NCBI Official Symbol	GPCR
NCBI Official Synonym Symbols	F14G24.19; F14G24_19; G protein coupled receptor; G-PROTEIN COUPLED RECEPTOR 2; GCR2; GPCR
NCBI Protein Information	G-protein coupled receptor 2
UniProt Protein Name	LanC-like protein GCR2
UniProt Gene Name	GCR2
UniProt Synonym Gene Names	GPCR; At1g52920; F14G24.19
UniProt Entry Name	GCR2_ARATH

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/gpcr-porcine-elisa-kits/g-protein-coupled-receptor/90474>