

Rat G protein-coupled receptor 94 ELISA Kit | GPR94 elisa kit

Rat G protein-coupled receptor 94 ELISA Kit

CATALOG # AAA95819	REACTIVITY Rat
------------------------------	--------------------------

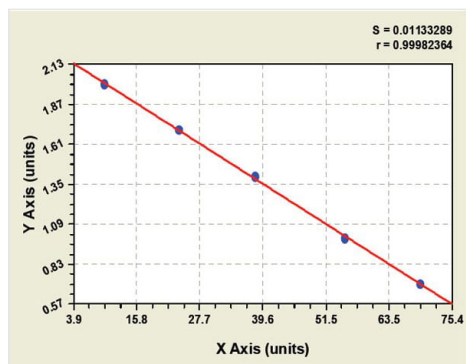
PRODUCT SYNONYMS

G protein-coupled receptor 94; Rat G protein-coupled receptor 94 ELISA Kit; GPR94 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This GPR94 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat GPR94. This ELISA kit for research use only, not for therapeutic applications
Intended Uses	This GPR94 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat GPR94. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPR94 elisa kit

Principle of the Assay: GPR94 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GPR94 antibody and an GPR94-HRP conjugate. The assay sample and buffer are incubated together with GPR94-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GPR94 concentration since GPR94 from samples and GPR94-HRP conjugate compete for the anti-GPR94 antibody binding site. Since the number of sites is limited, as more sites are occupied by GPR94 from the sample, fewer sites are left to bind GPR94-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GPR94 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	194294562
NCBI GeneID	53829
NCBI Accession #	NP_795713.2
NCBI GenBank Nucleotide #	NM_176894.2
Molecular Weight	38,410 Da
NCBI Official Full Name	P2Y purinoceptor 13
NCBI Official Synonym Full Names	purinergic receptor P2Y, G-protein coupled, 13
NCBI Official Symbol	P2RY13
NCBI Official Synonym Symbols	GPCR1; GPR86; GPR94; P2Y13; SP174; FKSG77
NCBI Protein Information	P2Y purinoceptor 13; G protein-coupled receptor 86; G-protein coupled receptor 86; G-protein coupled receptor 94
UniProt Protein Name	P2Y purinoceptor 13
UniProt Gene Name	P2RY13
UniProt Synonym Gene Names	GPR86; GPR94; FKSG77; P2Y13
UniProt Entry Name	P2Y13_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.