

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

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CATALOG #
AAA96724

REACTIVITY
Chicken

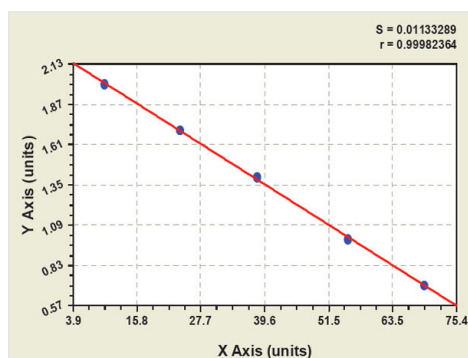
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
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.

Product Categories/Family for GPR94 elisa kit

Neurobiology

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.

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Online datasheet: <https://stage.aaabiotech.com/gpr94-chicken-elisa-kits/g-protein-coupled-receptor-94/96724>