

Human GPRC5A ELISA Kit | GPRC5A elisa kit

Human GPRC5A (G Protein Coupled Receptor, Family C, Group 5, Member A) ELISA Kit

CATALOG #
AAA21784

REACTIVITY
Human

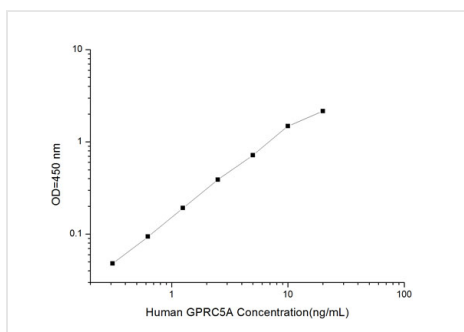
PRODUCT SYNONYMS

GPRC5A; Human GPRC5A (G Protein Coupled Receptor; Family C; Group 5; Member A) ELISA Kit; GPRC5A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human GPRC5A in samples. No significant cross-reactivity or interference between Human GPRC5A and analogues was observed.
Sequence Length	188
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.31-20ng/mL
Sensitivity	0.19ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human GPRC5A were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human GPRC5A were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPRC5A elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human GPRC5A. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human GPRC5A and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human GPRC5A, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human GPRC5A. You can calculate the concentration of Human GPRC5A in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human GPRC5A concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55778565
NCBI GeneID	312790
Molecular Weight	21,795 Da
NCBI Official Full Name	Gprc5a protein, partial
NCBI Official Synonym Full Names	G protein-coupled receptor, class C, group 5, member A
NCBI Official Symbol	Gprc5a
NCBI Official Synonym Symbols	Rai3
NCBI Protein Information	retinoic acid-induced protein 3; G protein-coupled receptor, family C, group 5, member A; retinoic acid induced 3
UniProt Protein Name	Gprc5a protein
UniProt Gene Name	Gprc5a
UniProt Entry Name	Q5RK14_RAT

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.