

Human Metabotropic glutamate receptor 5 ELISA Kit | GRM5 elisa kit

Human Metabotropic glutamate receptor 5 ELISA Kit

CATALOG #
AAA193805

REACTIVITY
Human

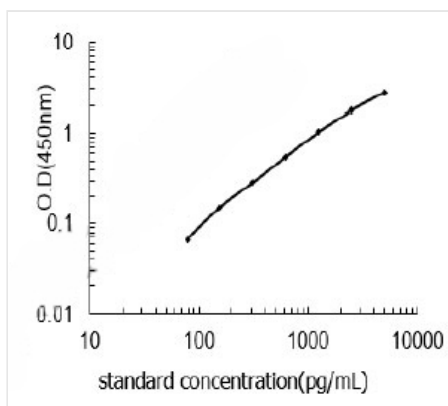
PRODUCT SYNONYMS

Metabotropic glutamate receptor 5; Human Metabotropic glutamate receptor 5 ELISA Kit; mGluR5; GRM5; GPRC1E; MGLUR5; GRM5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Metabotropic glutamate receptor 5,mGluR5
Sequence Length	1180
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	78-5000 pg/mL
Sensitivity	< 39.4 pg/mL
Intra-assay Precision	<=5.8%
Inter-assay Precision	<=8.9%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GRM5 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504143
NCBI GeneID	2915
NCBI Accession #	NP_000833.1
NCBI GenBank Nucleotide #	NM_000842.4
UniProt Accession #	P41594; Q6J164
Molecular Weight	105,432 Da
NCBI Official Full Name	metabotropic glutamate receptor 5 isoform b
NCBI Official Synonym Full Names	glutamate receptor, metabotropic 5
NCBI Official Symbol	GRM5
NCBI Official Synonym Symbols	mGlu5; GPRC1E; MGLUR5; PPP1R86
NCBI Protein Information	metabotropic glutamate receptor 5
UniProt Protein Name	Metabotropic glutamate receptor 5
UniProt Gene Name	GRM5
UniProt Synonym Gene Names	GPRC1E; MGLUR5; mGluR5
UniProt Entry Name	GRM5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/grm5-human-elisa-kits/metabotropic-glutamate-receptor-5/193805>