

Mouse Metabotropic glutamate receptor 5 ELISA Kit | Grm5 elisa kit

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CATALOG #
AAA192418

REACTIVITY
Mouse

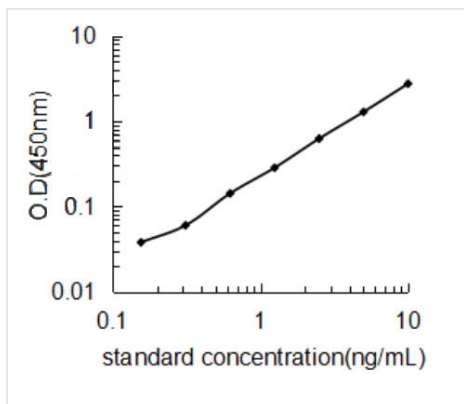
PRODUCT SYNONYMS

Metabotropic glutamate receptor 5; Mouse Metabotropic glutamate receptor 5 ELISA Kit; mGluR5; Grm5; Gprc1e; Mglur5; Grm5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Metabotropic glutamate receptor 5,mGluR5
Sequence Length	1203
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.081 ng/mL
Intra-assay Precision	<=3.2%
Inter-assay Precision	<=7.4%
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	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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	219801747
NCBI GeneID	108071
NCBI Accession #	NP_001137306.1
NCBI GenBank Nucleotide #	NM_001143834.1
UniProt Accession #	Q3UVX5
Molecular Weight	33,648 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	Glu5R; Gprc1e; mGluR5; mGluR5b; AI850523; 6430542K11Rik
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_MOUSE

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://www.aaabiotech.com/grm5-mouse-elisa-kits/metabotropic-glutamate-receptor-5/192418>