

Mouse Metabotropic glutamate receptor 5, GRM5 ELISA Kit | GRM5 elisa kit

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CATALOG #
AAA123394

REACTIVITY
Mouse

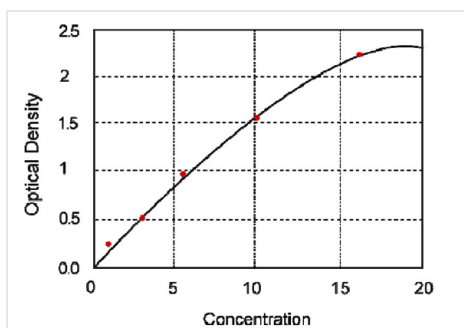
PRODUCT SYNONYMS

Metabotropic glutamate receptor 5; GRM5; Mouse Metabotropic glutamate receptor 5; GRM5 ELISA Kit; GRM5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	1203
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	20-4500ng/L
Sensitivity	9.62ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GRM5 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse GRM5 antibody. GRM5 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse GRM5 Antibody is added and binds to GRM5 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GRM5 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse GRM5. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Metabotropic glutamate receptor 5 (also known as GRM5) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	219801747
NCBI GeneID	108071
NCBI GenBank Nucleotide #	NP_001137306.1
UniProt Accession #	Q3UVX5
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/metabotropic-glutamate-receptor-5-grm5/123394>