

Mouse Glutamate receptor 1 ELISA Kit | Gria1 elisa kit

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CATALOG #
AAA196234

REACTIVITY
Mouse

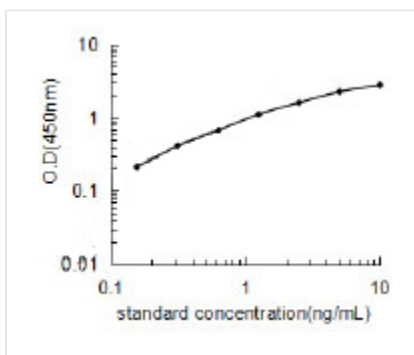
PRODUCT SYNONYMS

Glutamate receptor 1; Mouse Glutamate receptor 1 ELISA Kit; GluR-1; AMPA-selective glutamate receptor 1; GluR-A; GluR-K1; Glutamate receptor ionotropic; AMPA 1; GluA1; Gria1; Glur1; Gria1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Glutamate receptor 1, GluR-1
Sequence Length	907
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	Intra-Assay CV: <=5.1%
Inter-assay Precision	Inter-Assay CV: <=10.2%
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 Gria1 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	29789269
NCBI GeneID	50592
NCBI Accession #	NP_113796.1
NCBI GenBank Nucleotide #	NM_031608.1
Molecular Weight	101,555 Da
NCBI Official Full Name	glutamate receptor 1
NCBI Official Synonym Full Names	glutamate ionotropic receptor AMPA type subunit 1
NCBI Official Symbol	Gria1
NCBI Official Synonym Symbols	GluA1; gluR-A
NCBI Protein Information	glutamate receptor 1
UniProt Protein Name	Glutamate receptor 1
UniProt Gene Name	Gria1
UniProt Synonym Gene Names	Glur1; GluR-1; GluA1
UniProt Entry Name	GRIA1_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.