

Rat Glutamate Receptor, Ionotropic, N-Methyl-D-Aspartate 2A (GRIN2A) RTU ELISA Kit | GRIN2A rtu elisa kit

Rat Glutamate Receptor, Ionotropic, N-Methyl-D-Aspartate 2A (GRIN2A) ELISA Kit

CATALOG # AAA71019	REACTIVITY Rat
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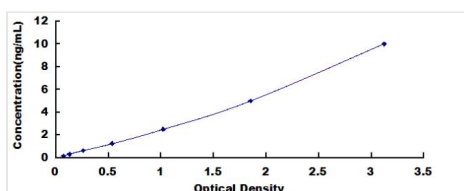
PRODUCT SYNONYMS

Glutamate Receptor; Ionotropic; N-Methyl-D-Aspartate 2A (GRIN2A); Rat Glutamate Receptor; N-Methyl-D-Aspartate 2A (GRIN2A) ELISA Kit; NMDAR2A; NR2A; Glutamate [NMDA] receptor subunit epsilon-1; N-methyl D-aspartate receptor subtype 2A; GRIN2A rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1464
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.069ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GRIN2A rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GRIN2A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GRIN2A. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain GRIN2A, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of GRIN2A 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 #	140971205
NCBI GeneID	24409
NCBI Accession #	NP_036705.3
NCBI GenBank Nucleotide #	NM_012573.3
UniProt Accession #	Q00959; O08948; Q63728
Molecular Weight	165,469 Da
NCBI Official Full Name	glutamate receptor ionotropic, NMDA 2A
NCBI Official Synonym Full Names	glutamate ionotropic receptor NMDA type subunit 2A
NCBI Official Symbol	Grin2a
NCBI Official Synonym Symbols	NR2A; GluN2A; NMDAR2A
NCBI Protein Information	glutamate receptor ionotropic, NMDA 2A
UniProt Protein Name	Glutamate receptor ionotropic, NMDA 2A
UniProt Gene Name	Grin2a
UniProt Synonym Gene Names	NR2A

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://stage.aaabiotech.com/rat-rtu-elisa-kits/glutamate-receptor-ionotropic-n-methyl-d-aspartate-2a-grin2a/71019>