

Human Glutamate Receptor, Ionotropic, N-Methyl-D-Aspartate 2D (GRIN2D) RTU ELISA Kit | GRIN2D rtu elisa kit

Human Glutamate Receptor, Ionotropic, N-Methyl-D-Aspartate 2D (GRIN2D) ELISA Kit

CATALOG # AAA71023	REACTIVITY Human
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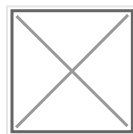
PRODUCT SYNONYMS

Glutamate Receptor; Ionotropic; N-Methyl-D-Aspartate 2D (GRIN2D); Human Glutamate Receptor; N-Methyl-D-Aspartate 2D (GRIN2D) ELISA Kit; EB11; NMDAR2D; NR2D; N-Methyl-d-Aspartate Receptor Subunit 2D; Glutamate [NMDA] receptor subunit epsilon-4; GRIN2D rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1336
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.123ng/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 GRIN2D rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GRIN2D. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GRIN2D. 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 GRIN2D, 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 GRIN2D 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 #	153946391
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NCBI GeneID	2906
NCBI Accession #	NP_000827.2
NCBI GenBank Nucleotide #	NM_000836.2
UniProt Accession #	O15399
Molecular Weight	143,752 Da
NCBI Official Full Name	glutamate receptor ionotropic, NMDA 2D
NCBI Official Synonym Full Names	glutamate ionotropic receptor NMDA type subunit 2D
NCBI Official Symbol	GRIN2D
NCBI Official Synonym Symbols	EB11; NR2D; EIEE46; GluN2D; NMDAR2D
NCBI Protein Information	glutamate receptor ionotropic, NMDA 2D
UniProt Protein Name	Glutamate receptor ionotropic, NMDA 2D
UniProt Gene Name	GRIN2D
UniProt Synonym Gene Names	GluN2D; NMDAR2D; GluN2D; NMDAR2D; NR2D

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/human-rtu-elisa-kits/glutamate-receptor-ionotropic-n-methyl-d-aspartate-2d-grin2d/71023>