Mouse Glutamate Receptor, Ionotropic, N-Methyl-D-Aspartate 2B (GRIN2B) RTU ELISA Kit | GRIN2B rtu elisa kit

Mouse Glutamate Receptor, Ionotropic, N-Methyl-D-Aspartate 2B (GRIN2B) ELISA Kit

CATALOG #	REACTIVITY
AAA219717	**Mouse**

PRODUCT SYNONYMS

Glutamate Receptor; Ionotropic; N-Methyl-D-Aspartate 2B (GRIN2B); Mouse Glutamate Receptor; N-Methyl-D-Aspartate 2B (GRIN2B) ELISA Kit; NMDAR2B; NR2B; hNR3; Glutamate [NMDA] receptor subunit epsilon-2; N-methyl D-aspartate receptor subtype 2B; N-methyl-D-aspartate receptor subunit 3; GRIN2B rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of GRIN2B. No significant cross-reactivity or interference between GRIN2B and analogues was observed.
Sequence Length	1482
Samples	Mouse Serum, Plasma, Tissue Homogenates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.140ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level GRIN2B were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level GRIN2B were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GRIN2B rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of GRIN2B in mouse serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GRIN2B. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GRIN2B. 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 GRIN2B, 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 +/- 10nm. The concentration of GRIN2B in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	117168299
NCBI GeneID	14812
NCBI Accession #	NP_032197.3
NCBI GenBank Nucleotide #	NP_032197.3
UniProt Accession #	Q01097
NCBI Official Full Name	glutamate receptor ionotropic, NMDA 2B
NCBI Official Synonym Full Names	glutamate receptor, ionotropic, NMDA2B (epsilon 2)
NCBI Official Symbol	Grin2b
NCBI Official Synonym Symbols	NR2B; GluN2B; Nmdar2b; AW490526; GluRepsilon2
NCBI Protein Information	glutamate receptor ionotropic, NMDA 2B
UniProt Protein Name	Glutamate receptor ionotropic, NMDA 2B
UniProt Gene Name	**Grin2b**
UniProt Synonym Gene Names	GluN2B; NMDAR2B; NR2B

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://stage.aaabiotech.com/mouse-rtu-elisa-kits/glutamate-receptor-ionotropic-n-methyl-d-aspartate-2b-grin2b/219717