

Mouse glutamate receptor, ionotropic, N-methyl D-aspartate 2B ELISA Kit | GRIN2B elisa kit

Mouse Glutamate [NMDA] receptor subunit epsilon-2, GRIN2B ELISA Kit

CATALOG # AAA112621	REACTIVITY Mouse
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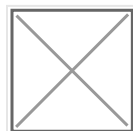
PRODUCT SYNONYMS

glutamate receptor; ionotropic; N-methyl D-aspartate 2B; Mouse Glutamate [NMDA] receptor subunit epsilon-2; GRIN2B ELISA Kit; Mouse Glutamate [NMDA] receptor subunit epsilon-2 (GRIN2B) ELISA kit; MGC142178; MGC142180; NMDAR2B; NR2B; hNR3; N-methyl-D-aspartate receptor subunit 2B; glutamate receptor subunit epsilon-2; GRIN2B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse GRIN2B. No significant cross-reactivity or interference between mouse GRIN2B and analogues was observed.
Sequence Length	1482
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GRIN2B elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GRIN2B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GRIN2B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GRIN2B is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GRIN2B bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	117168299
NCBI GeneID	14812
NCBI Accession #	NP_032197.3
NCBI GenBank Nucleotide #	NM_008171.3
UniProt Accession #	Q01097; Q9DCB2
Molecular Weight	165,959 Da
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
NCBI Protein Information	glutamate receptor ionotropic, NMDA 2B; GluRepsilon2; N-methyl D-aspartate receptor 2B; N-methyl D-aspartate receptor subtype 2B; glutamate [NMDA] receptor subunit epsilon-2
UniProt Protein Name	Glutamate receptor ionotropic, NMDA 2B
UniProt Gene Name	Grin2b
UniProt Synonym Gene Names	GluN2B; NMDAR2B; NR2B
UniProt Entry Name	NMDE2_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.

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Online datasheet: <https://stage.aaabiotech.com/grin2b-mouse-elisa-kits/glutamate-receptor-ionotropic-n-methyl-d-aspartate-2b/112621>