

Datasheet for ABIN5706918 **GRIN2B ELISA Kit**



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Overview

Quantity: 96 tests

Target: GRIN2B

Reactivity: Rat

Method Type: Sandwich ELISA

Detection Range: 0.312 ng/mL - 20 ng/mL

Minimum Detection Limit: 0.312 ng/mL

Application: ELISA

Product Details

Sample Type: Cell Lysate, Tissue Homogenate

Analytical Method: Quantitative

Detection Method: Colorimetric

Sensitivity: 0.133 ng/mL

Target Details

Target: GRIN2B

Alternative Name: Glutamate Receptor, Ionotropic, N-Methyl-D-Aspartate 2B (GRIN2B) ([GRIN2B Products](#))

Background: Alternative name: NMDAR2B, NR2B, hNR3, Glutamate [NMDA] receptor subunit epsilon-2, N-methyl D-aspartate receptor subtype 2B, N-methyl-D-aspartate receptor subunit 3

Pathways: [Response to Growth Hormone Stimulus](#), [Synaptic Membrane](#), [Feeding Behaviour](#), [Regulation of](#)

Target Details

long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Pre-coated, ready to use 96-well strip plate, Standard (freeze dried), Standard Diluent, Detection Reagent A, Detection Reagent B, Assay Diluent A, Assay Diluent B, TMB substrate, Stop Solution, Wash Buffer(30 x concenthumane), Plate sealer for 96 wells, Instruction manual
Sample Volume:	100 µL
Assay Time:	1 - 4.5 h
Plate:	Pre-coated
Protocol:	<ol style="list-style-type: none">1. Prepare all reagents, samples and standards2. Add 100µL standard or sample to each well. Incubate 2 hours at 37°C3. Aspirate and add 100µL prepared Detection Reagent A. Incubate 1 hour at 37°C4. Aspirate and wash 3 times5. Add 100µL prepared Detection Reagent B. Incubate 1 hour at 37°C6. Aspirate and wash 5 times7. Add 90µL Substrate Solution. Incubate 15-25 minutes at 37°C8. Add 50µL Stop Solution. Read at 450nm immediately.
Restrictions:	For Research Use only

Handling

Storage:	4 °C
Expiry Date:	12 months