

## Datasheet for ABIN5706916 **NMDAR2A ELISA Kit**



[Go to Product page](#)

### Overview

Quantity:	96 tests
Target:	NMDAR2A (GRIN2A)
Reactivity:	Rat
Method Type:	Sandwich ELISA
Detection Range:	0.156 ng/mL - 10 ng/mL
Minimum Detection Limit:	0.156 ng/mL
Application:	ELISA

### Product Details

Sample Type:	Cell Lysate, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Sensitivity:	0.069 ng/mL

### Target Details

Target:	NMDAR2A (GRIN2A)
Alternative Name:	Glutamate Receptor, Ionotropic, N-Methyl-D-Aspartate 2A (GRIN2A) ( <a href="#">GRIN2A Products</a> )
Background:	Alternative name: NMDAR2A, NR2A, Glutamate [NMDA] receptor subunit epsilon-1, N-methyl D-aspartate receptor subtype 2A
Pathways:	<a href="#">Synaptic Membrane, Regulation of long-term Neuronal Synaptic Plasticity</a>

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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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

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Sample Volume: 100 µL

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Assay Time: 1 - 4.5 h

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Plate: Pre-coated

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Protocol:

1. Prepare all reagents, samples and standards
2. Add 100µL standard or sample to each well. Incubate 2 hours at 37°C
3. Aspirate and add 100µL prepared Detection Reagent A. Incubate 1 hour at 37°C
4. Aspirate and wash 3 times
5. Add 100µL prepared Detection Reagent B. Incubate 1 hour at 37°C
6. Aspirate and wash 5 times
7. Add 90µL Substrate Solution. Incubate 15-25 minutes at 37°C
8. Add 50µL Stop Solution. Read at 450nm immediately.

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Restrictions: For Research Use only

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## Handling

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Storage: 4 °C

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Expiry Date: 12 months

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