GRIN1 (Human) Cell-Based ELISA Kit

Catalog # KA3240 Size 1 Kit

Specification

Product Description	GRIN1 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative dete rmination of GRIN1 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — GRIN1

Entrez GeneID	2902
Gene Name	GRIN1
Gene Alias	NMDA1, NMDAR1, NR1
Gene Description	glutamate receptor, ionotropic, N-methyl D-aspartate 1
Omim ID	138249

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Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a critical subunit of N-methyl-D-aspartate receptors, members of the glutamate receptor channel superfamily which are heteromeric protein complexes with multiple subunits arranged to form a ligand-gated ion channel. These subunits play a key role in the plasticity of synapses, which is believed to underlie memory and learning. Cell-specific factors are thought to control expression of different isoforms, possibly contributing to the functional diversity of the subunits. Alternatively spliced transcript variants have been described. [provided by RefSeq
Other Designations	N-methyl-D-aspartate receptor channel, subunit zeta-1|NMDA receptor 1|OTTHUMP00000022678|glutamate [NMDA] receptor subunit zeta 1

Pathway

- Amyotrophic lateral sclerosis (ALS)
- Calcium signaling pathway
- Long-term potentiation
- Neuroactive ligand-receptor interaction

Disease

- Alcohol Withdrawal Seizures
- Alcoholism
- Alcohol-Related Disorders
- Anorexia Nervosa
- Bipolar Disorder
- Body Weight
- Bulimia
- Cognition
- Disease Models
- Disease Susceptibility
- Genetic Predisposition to Disease
- Obesity

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- Parkinson Disease
- Schizophrenia
- Schizophrenic Psychology
- Spasms
- Substance Withdrawal Syndrome
- Weight Gain
- Weight Loss

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