GRIA1 (Human) Cell-Based ELISA Kit

Catalog # KA2891 Size 1 Kit

Specification

Product Description	GRIA1 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative dete rmination of GRIA1 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 — GRIA1

Entrez GeneID	2890
Protein Accession#	P42261
Gene Name	GRIA1
Gene Alias	GLUH1, GLUR1, GLURA, HBGR1, MGC133252
Gene Description	glutamate receptor, ionotropic, AMPA 1

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Omim ID	138248
Gene Ontology	Hyperlink
Gene Summary	Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. These receptors are h eteromeric protein complexes with multiple subunits, each possessing transmembrane regions, a nd all arranged to form a ligand-gated ion channel. The classification of glutamate receptors is ba sed on their activation by different pharmacologic agonists. This gene belongs to a family of alpha -amino-3-hydroxy-5-methyl-4-isoxazole propionate (AMPA) receptors. Alternatively spliced transc ript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	AMPA 1

Pathway

- Amyotrophic lateral sclerosis (ALS)
- Long-term depression
- Long-term potentiation
- Neuroactive ligand-receptor interaction

Disease

- Anorexia Nervosa
- Bipolar Disorder
- Bulimia
- Cognition
- Drug Hypersensitivity
- Genetic Predisposition to Disease
- Mental Disorders
- Migraine Disorders
- Precursor T-Cell Lymphoblastic Leukemia-Lymphoma
- Schizophrenia
- Schizophrenic Psychology

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- Sexual Dysfunction
- Sexual Dysfunctions
- Tobacco Use Disorder
- Weight Gain

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