GRIA4 (Human) Cell-Based ELISA Kit

Catalog # KA2893 Size 1 Kit

Specification

Product Description	GRIA4 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative dete rmination of GRIA4 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 — GRIA4

Entrez GeneID	2893
Protein Accession#	P48058
Gene Name	GRIA4
Gene Alias	GLUR4, GLUR4C, GLURD
Gene Description	glutamate receptor, ionotrophic, AMPA 4

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Omim ID	138246
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 composed of multiple subunits, arranged to form ligand-gated ion c hannels. The classification of glutamate receptors is based on their activation by different pharma cologic agonists. The subunit encoded by this gene belongs to a family of AMPA (alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate)-sensitive glutamate receptors, and is subject to RNA ed iting (AGA->GGA; R->G). Alternative splicing of this gene results in transcript variants encoding di fferent isoforms, which may vary in their signal transduction properties. Some haplotypes of this g ene show a positive association with schizophrenia. [provided by RefSeq
Other Designations	AMPA-selective glutamate receptor 4|glutamate receptor 4

Pathway

- Neuroactive ligand-receptor interaction

Disease

- Cognition
- Genetic Predisposition to Disease
- Mental Disorders
- Psychiatric Status Rating Scales
- Psychometrics
- Schizophrenia
- Schizophrenic Psychology
- Weight Gain

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