

GRIA4 (Human) Cell-Based ELISA Kit

Catalog # KA2893

Size 1 Kit

Specification

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|----------------------------|--|
| Product Description | GRIA4 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination 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

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

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 heteromeric protein complexes composed of multiple subunits, arranged to form ligand-gated ion channels. The classification of glutamate receptors is based on their activation by different pharmacologic 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 editing (AGA->GGA; R->G). Alternative splicing of this gene results in transcript variants encoding different isoforms, which may vary in their signal transduction properties. Some haplotypes of this gene 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](#)