

Rabbit Glutamate Receptor, Ionotropic, Delta 2 Interacting Protein ELISA Kit | GRId2IP elisa kit

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CATALOG #
AAA93872

REACTIVITY
Rabbit

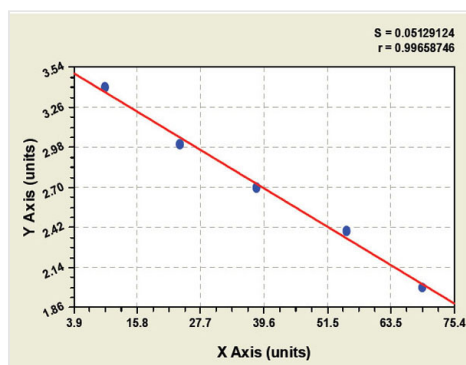
PRODUCT SYNONYMS

Glutamate Receptor; Ionotropic; Delta 2 Interacting Protein; Rabbit Glutamate Receptor; Delta 2 Interacting Protein ELISA Kit; GRId2IP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GRId2IP elisa kit

Intended Uses: This GRId2IP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit GRId2IP. This ELISA kit for research use only!

Principle of the Assay: GRId2IP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GRId2IP antibody and an GRId2IP-HRP conjugate. The assay sample and buffer are incubated together with GRId2IP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GRId2IP concentration since GRId2IP from samples and GRId2IP-HRP conjugate compete for the anti-GRId2IP antibody binding site. Since the number of sites is limited, as more sites are occupied by GRId2IP from the sample, fewer sites are left to bind GRId2IP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GRId2IP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49523342
NCBI GeneID	170935
Molecular Weight	113,535 Da
NCBI Official Full Name	Grid2ip protein
NCBI Official Synonym Full Names	glutamate receptor, ionotropic, delta 2 (Grid2) interacting protein 1
NCBI Official Symbol	Grid2ip
NCBI Protein Information	delphilin; L-delphilin; GluR-delta2 philic-protein; glutamate receptor, ionotropic, delta 2-interacting protein 1
UniProt Protein Name	Delphilin
UniProt Gene Name	Grid2ip
UniProt Entry Name	GRD2I_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.