

Human Glutamate Receptor Interacting Protein 1 (GRIP1) ELISA Kit | GRIP1 elisa kit

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CATALOG #
AAA137953

REACTIVITY
Human

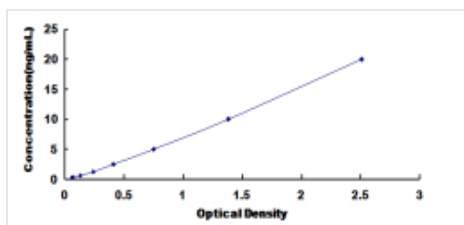
PRODUCT SYNONYMS

Glutamate Receptor Interacting Protein 1 (GRIP1); Human Glutamate Receptor Interacting Protein 1 (GRIP1) ELISA Kit; GRIP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Glutamate Receptor Interacting Protein 1 (GRIP1). No significant cross-reactivity or interference between Glutamate Receptor Interacting Protein 1 (GRIP1) and analogues was observed.
Sequence Length	1,076
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	0.125ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Glutamate Receptor Interacting Protein 1 (GRIP1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Glutamate Receptor Interacting Protein 1 (GRIP1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GRIP1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Glutamate Receptor Interacting Protein 1 (GRIP1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Glutamate Receptor Interacting Protein 1 (GRIP1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Glutamate Receptor Interacting Protein 1 (GRIP1), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Glutamate Receptor Interacting Protein 1 (GRIP1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for GRIP1 elisa kit	Signal transduction; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	115527660
NCBI GeneID	23426
UniProt Accession #	Q9Y3R0; Q1RLM0; C9JT59
Molecular Weight	116,371 Da
NCBI Official Full Name	Glutamate receptor interacting protein 1
NCBI Official Synonym Full Names	glutamate receptor interacting protein 1
NCBI Official Symbol	GRIP1
NCBI Official Synonym Symbols	GRIP
NCBI Protein Information	glutamate receptor-interacting protein 1
UniProt Protein Name	Glutamate receptor-interacting protein 1
UniProt Gene Name	GRIP1
UniProt Synonym Gene Names	GRIP-1
UniProt Entry Name	GRIP1_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/glutamate-receptor-interacting-protein-1-grip1/137953>