

Human GRB2 Related Adaptor Protein 2 (GRAP2) ELISA Kit | GRAP2 elisa kit

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CATALOG #
AAA187426

REACTIVITY
Human

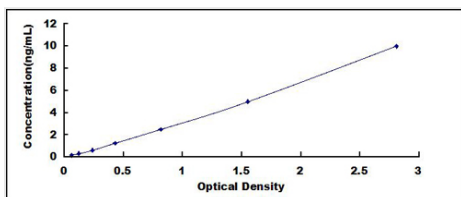
PRODUCT SYNONYMS

GRB2 Related Adaptor Protein 2 (GRAP2); Human GRB2 Related Adaptor Protein 2 (GRAP2) ELISA Kit; P38; GADS; GRAP-2; GRB2L; GRBLG; GRID; GRPL; GrbX; Grf40; Mona; Growth factor receptor-binding protein; Hematopoietic cell-associated adapter protein GrpL; GRAP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GRB2 Related Adaptor Protein 2 (GRAP2). No significant cross-reactivity or interference between GRB2 Related Adaptor Protein 2 (GRAP2) and analogues was observed.
Sequence Length	217
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.059ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level GRB2 Related Adaptor Protein 2 (GRAP2) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level GRB2 Related Adaptor Protein 2 (GRAP2) 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 GRAP2 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 GRB2 Related Adaptor Protein 2 (GRAP2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to GRB2 Related Adaptor Protein 2 (GRAP2). 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 GRB2 Related Adaptor Protein 2 (GRAP2), 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 GRB2 Related Adaptor Protein 2 (GRAP2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3860193
NCBI GeneID	9402
Molecular Weight	24,382 Da
NCBI Official Full Name	Grb2-related adaptor protein 2
NCBI Official Synonym Full Names	GRB2-related adaptor protein 2
NCBI Official Symbol	GRAP2
NCBI Official Synonym Symbols	P38; GADS; GRID; GRPL; GrbX; Mona; GRB2L; GRBLG; Grf40; GRAP-2
NCBI Protein Information	GRB2-related adapter protein 2
UniProt Protein Name	GRB2-related adapter protein 2
UniProt Gene Name	GRAP2
UniProt Synonym Gene Names	GADS; GRB2L; GRID; GRB2L; Grf-40

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/grb2-related-adaptor-protein-2-grap2/187426>