

Rat GRB2-Related Adapter protein 2 ELISA Kit | GRAP2 elisa kit

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CATALOG #
AAA101354

REACTIVITY
Rat

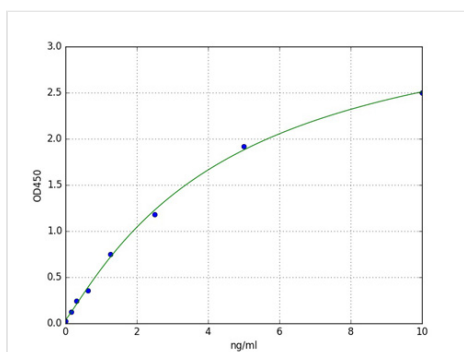
PRODUCT SYNONYMS

GRB2-Related Adapter protein 2; Rat GRB2-Related Adapter protein 2 ELISA Kit; GRAP2/GADS/GRB2L/GRBLG/GRBX/Grf40/GRID/GRPL/Mona/Adapter protein GRID/GADSSH3-SH2-SH3 adapter Mona/GRB2L/GRB-2-like protein/GRB2-related adapter protein 2/GRB2-related adaptor protein 2/GRB2-related protein with insert domain/GRBLGGRAP-2/GrbX/GRBX/Grf40/Grf-40/grf-40/Grf40 adapter protein/GRIDGRPL/Growth factor receptor-binding protein/growth factor receptor-bound protein 2-related adaptor protein 2/Hematopoietic cell-associated adapter protein GrpL/hematopoietic cell-associated adaptor protein GRPL/Mona/P38/Protein GADS/SH3-SH2-SH3 adaptor molecule; GRAP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	330
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat GRAP2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.001	0.072	0.121	0.308	0.445	0.886	1.519	2.035

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GRAP2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat GRAP2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat GRAP2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat GRAP2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat GRAP2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	625180309
NCBI GeneID	9402
NCBI Accession #	NP_001278754.1
NCBI GenBank Nucleotide #	NM_001291825.1
Molecular Weight	24,382 Da
NCBI Official Full Name	GRB2-related adapter protein 2 isoform 1
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
UniProt Entry Name	GRAP2_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.

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Online datasheet: <https://stage.aaabiotech.com/grap2-rat-elisa-kits/grb2-related-adapter-protein-2/101354>