

Human Growth Factor Receptor Bound Protein 2 ELISA Kit | Grb2 elisa kit

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CATALOG #
AAA99715

REACTIVITY
Human

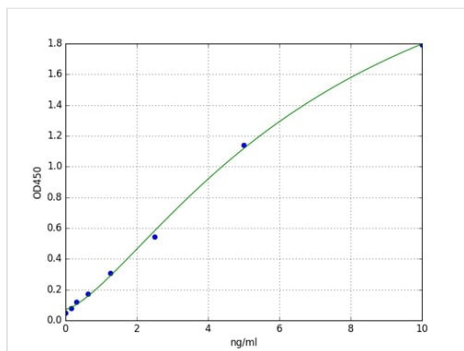
PRODUCT SYNONYMS

Growth Factor Receptor Bound Protein 2; Human Growth Factor Receptor Bound Protein 2 ELISA Kit; Grb2/ASH/EGFRBP-GRB2/Grb3-3/abundant SRC homology/Adapter protein GRB2/ASH/EGFRBP-GRB2/epidermal growth factor receptor-binding protein GRB2/Grb3-3/growth factor receptor-bound protein 2/growth factor receptor-bound protein 3/HT027/MST084/MSTP084/NCKAP2/Protein Ash/SH2/SH3 adapter GRB2; Grb2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	217
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 Human Grb2 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	0.124	0.180	0.248	0.343	0.542	0.911	1.333	1.928

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Grb2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human Grb2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human Grb2 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 Human Grb2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human Grb2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504111
NCBI GeneID	2885
NCBI Accession #	NP_002077.1
NCBI GenBank Nucleotide #	NM_002086.4
Molecular Weight	20,557 Da
NCBI Official Full Name	growth factor receptor-bound protein 2 isoform 1
NCBI Official Synonym Full Names	growth factor receptor bound protein 2
NCBI Official Symbol	GRB2
NCBI Official Synonym Symbols	ASH; Grb3-3; MST084; NCKAP2; MSTP084; EGFRBP-GRB2
NCBI Protein Information	growth factor receptor-bound protein 2
UniProt Protein Name	Growth factor receptor-bound protein 2
UniProt Gene Name	GRB2
UniProt Synonym Gene Names	ASH
UniProt Entry Name	GRB2_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/grb2-human-elisa-kits/growth-factor-receptor-bound-protein-2/99715>