

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

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CATALOG #
AAA89638

REACTIVITY
Monkey

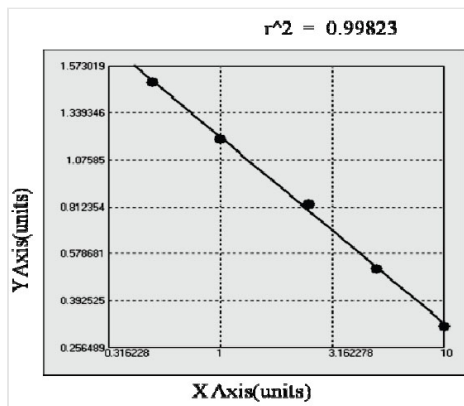
PRODUCT SYNONYMS

Growth Factor Receptor Bound Protein 2; Monkey Growth Factor Receptor Bound Protein 2 ELISA Kit; Grb2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This Grb2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey Grb2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Grb2 elisa kit

Principle of the Assay: Grb2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Grb2 antibody and an Grb2-HRP conjugate. The assay sample and buffer are incubated together with Grb2-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 Grb2 concentration since Grb2 from samples and Grb2-HRP conjugate compete for the anti-Grb2 antibody binding site. Since the number of sites is limited, as more sites are occupied by Grb2 from the sample, fewer sites are left to bind Grb2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Grb2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49456839
NCBI GeneID	2885
UniProt Accession #	P62993; P29354; Q14450; Q63057; Q63059
Molecular Weight	20,557 Da
NCBI Official Full Name	GRB2
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; HT027; protein Ash; SH2/SH3 adapter GRB2; abundant SRC homology; growth factor receptor-bound protein 3; epidermal growth factor receptor-binding protein GRB2
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-monkey-elisa-kits/growth-factor-receptor-bound-protein-2/89638>