

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

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CATALOG #
AAA85482

REACTIVITY
Human

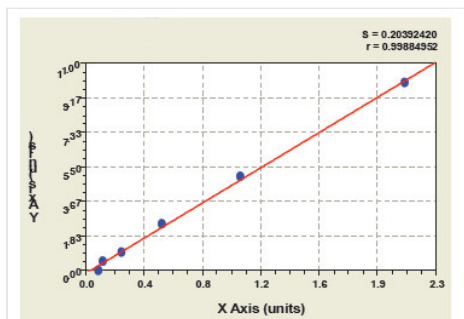
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or 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 Human 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 quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for Grb2. Standards or samples are then added to the microtiter plate wells and Grb2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of Grb2 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for Grb2 are added to each well to "sandwich" the Grb2 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain Grb2 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/grb2-human-elisa-kits/growth-factor-receptor-bound-protein-2/85482>