

Sheep Growth Factor Receptor Bound Protein 10 ELISA Kit | Grb10 elisa kit

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CATALOG #
AAA88315

REACTIVITY
Sheep

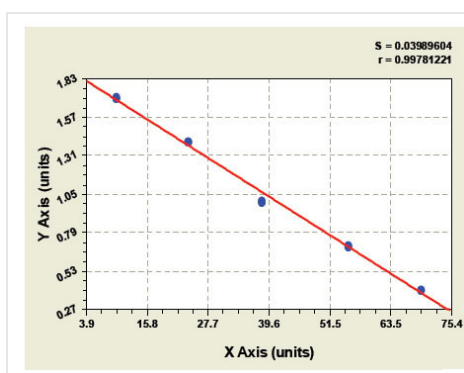
PRODUCT SYNONYMS

Growth Factor Receptor Bound Protein 10; Sheep Growth Factor Receptor Bound Protein 10 ELISA Kit; Grb10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This Grb10 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep Grb10. 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 Grb10 elisa kit

Principle of the Assay: Grb10 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Grb10 antibody and an Grb10-HRP conjugate. The assay sample and buffer are incubated together with Grb10-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 Grb10 concentration since Grb10 from samples and Grb10-HRP conjugate compete for the anti-Grb10 antibody binding site. Since the number of sites is limited, as more sites are occupied by Grb10 from the sample, fewer sites are left to bind Grb10-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Grb10 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	48762697
NCBI GeneID	2887
NCBI Accession #	NP_001001555.1
NCBI GenBank Nucleotide #	NM_001001555.2
Molecular Weight	66,487 Da
NCBI Official Full Name	growth factor receptor-bound protein 10 isoform c
NCBI Official Synonym Full Names	growth factor receptor-bound protein 10
NCBI Official Symbol	GRB10
NCBI Official Synonym Symbols	RSS; IRBP; MEG1; GRB-IR; Grb-10
NCBI Protein Information	growth factor receptor-bound protein 10; GRB10 adapter protein; GRB10 adaptor protein; maternally expressed gene 1; insulin receptor-binding protein Grb-IR
UniProt Protein Name	Growth factor receptor-bound protein 10
UniProt Gene Name	GRB10
UniProt Synonym Gene Names	GRBIR; KIAA0207
UniProt Entry Name	GRB10_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/grb10-sheep-elisa-kits/growth-factor-receptor-bound-protein-10/88315>