

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

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CATALOG # AAA89090	REACTIVITY Bovine
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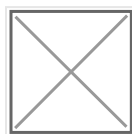
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Grb10 elisa kit	Intended Uses: This Grb14 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine Grb14. This ELISA kit for research use only! Principle of the Assay: Grb14 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Grb14 antibody and an Grb14-HRP conjugate. The assay sample and buffer are incubated together with Grb14-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 Grb14 concentration since Grb14 from samples and Grb14-HRP conjugate compete for the anti-Grb14 antibody binding site. Since the number of sites is limited, as more sites are occupied by Grb14 from the sample, fewer sites are left to bind Grb14-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Grb14 concentration in each sample is interpolated from this standard curve.
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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-bovine-ovine-elisa-kits/growth-factor-receptor-bound-protein-10/89090>