

Goat Growth Factor Receptor Bound Protein 7 ELISA Kit | Grb7 elisa kit

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CATALOG # AAA94246	REACTIVITY Goat
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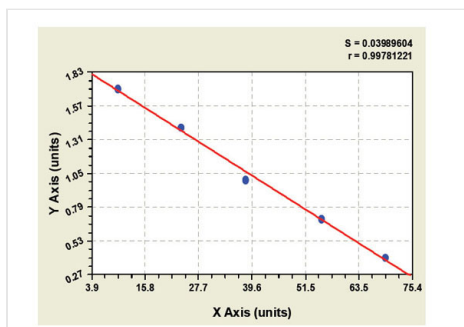
PRODUCT SYNONYMS

Growth Factor Receptor Bound Protein 7; Goat Growth Factor Receptor Bound Protein 7 ELISA Kit; Grb7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This Grb7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat Grb7. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Grb7 elisa kit	Principle of the Assay: Grb7 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Grb7 antibody and an Grb7-HRP conjugate. The assay sample and buffer are incubated together with Grb7-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 Grb7 concentration since Grb7 from samples and Grb7-HRP conjugate compete for the anti-Grb7 antibody binding site. Since the number of sites is limited, as more sites are occupied by Grb7 from the sample, fewer sites are left to bind Grb7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Grb7 concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16306816
NCBI GeneID	2886
Molecular Weight	55,920 Da
NCBI Official Full Name	Growth factor receptor-bound protein 7
NCBI Official Synonym Full Names	growth factor receptor-bound protein 7
NCBI Official Symbol	GRB7
NCBI Protein Information	growth factor receptor-bound protein 7; B47; GRB7 adapter protein; epidermal growth factor receptor GRB-7
UniProt Protein Name	Growth factor receptor-bound protein 7
UniProt Gene Name	GRB7
UniProt Entry Name	GRB7_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/grb7-goat-elisa-kits/growth-factor-receptor-bound-protein-7/94246>