

Monkey Growth Regulated Oncogene Beta ELISA Kit | GROb elisa kit

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CATALOG #
AAA91636

REACTIVITY
Monkey

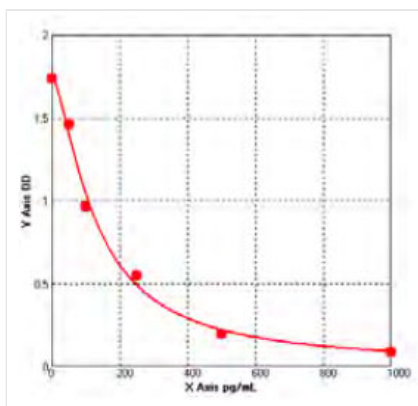
PRODUCT SYNONYMS

Growth Regulated Oncogene Beta; Monkey Growth Regulated Oncogene Beta ELISA Kit; GROb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of GRObeta. No significant cross-reactivity or interference between GRObeta and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between GRObeta and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GROB elisa kit	Principle of the Assay: GRObeta ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-GRObeta antibody and an GRObeta-HRP conjugate. The assay sample and buffer are incubated together with GRObeta-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 GRObeta concentration since GRObeta from samples and GRObeta-HRP conjugate compete for the anti-GRObeta antibody binding site. Since the number of sites is limited, as more sites are occupied by GRObeta from the sample, fewer sites are left to bind GRObeta-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GRObeta concentration in each sample is interpolated from this standard curve. Intended Uses: This GRObeta ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey GRObeta. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for GROB elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	114326491
NCBI GeneID	281734
NCBI Accession #	NP_001041630.1
NCBI GenBank Nucleotide #	NM_001048165.1
Molecular Weight	10,950 Da
NCBI Official Full Name	growth-regulated protein homolog beta
NCBI Official Symbol	CXCL2
NCBI Official Synonym Symbols	GRO2; GROB; GROX
NCBI Protein Information	growth-regulated protein homolog beta; GRO-beta; growth related oncogene X; GRO2, growth related gene 2 (GRO2 oncogene)
UniProt Protein Name	Growth-regulated protein homolog beta
UniProt Gene Name	GRO-beta
UniProt Synonym Gene Names	GRO-beta
UniProt Entry Name	GROB_BOVIN

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/grob-monkey-elisa-kits/growth-regulated-oncogene-beta/91636>