

Monkey beta2-Glycoprotein ELISA Kit | beta2-GP elisa kit

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CATALOG #
AAA95696

REACTIVITY
Monkey

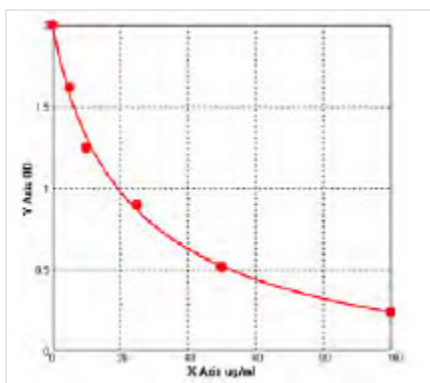
PRODUCT SYNONYMS

beta2-Glycoprotein; Monkey beta2-Glycoprotein ELISA Kit; Monkey b2-Glycoprotein ELISA Kit; beta2-GP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of GPbeta2. No significant cross-reactivity or interference between GPbeta2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between GPbeta2 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ?g/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for beta2-GP elisa kit	Intended Uses: This GPbeta2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey GPbeta2. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: GPbeta2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-GPbeta2 antibody and an GPbeta2-HRP conjugate. The assay sample and buffer are incubated together with GPbeta2-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 GPbeta2 concentration since GPbeta2 from samples and GPbeta2-HRP conjugate compete for the anti-GPbeta2 antibody binding site. Since the number of sites is limited, as more sites are occupied by GPbeta2 from the sample, fewer sites are left to bind GPbeta2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GPbeta2 concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	160358825
NCBI GeneID	11818
NCBI Accession #	NP_038503.4
NCBI GenBank Nucleotide #	NM_013475.4
Molecular Weight	38,619 Da
NCBI Official Full Name	beta-2-glycoprotein 1
NCBI Official Synonym Full Names	apolipoprotein H
NCBI Official Symbol	Apoh
NCBI Official Synonym Symbols	B2GPI; beta2-GPI; beta-2-GPI
NCBI Protein Information	beta-2-glycoprotein 1; apo-H; beta(2)GPI; APC inhibitor; beta-2-glycoprotein I; activated protein C-binding protein
UniProt Protein Name	Beta-2-glycoprotein 1
UniProt Gene Name	Apoh
UniProt Synonym Gene Names	B2gp1; Apo-H; B2GPI; Beta(2)GPI
UniProt Entry Name	APOH_MOUSE

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.