

Human beta2 Glycoprotein ELISA Kit | beta2 GP elisa kit

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CATALOG #
AAA87200

REACTIVITY
Human

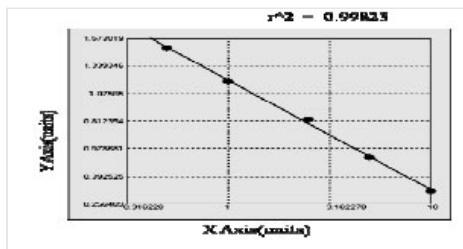
PRODUCT SYNONYMS

beta2 Glycoprotein; Human beta2 Glycoprotein ELISA Kit; Human b2 Glycoprotein ELISA Kit; beta2 GP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100g/mL
Sensitivity	1.0ng/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 beta2GP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human beta2GP1. This ELISA kit for research use only!

Principle of the Assay: beta2GP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-beta2GP1 antibody and an beta 2GP1-HRP conjugate. The assay sample and buffer are incubated together with beta2GP1-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 beta2GP1 concentration since beta2GP1 from samples and beta 2GP1-HRP conjugate compete for the anti-beta2GP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by beta2GP1 from the sample, fewer sites are left to bind beta2GP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The beta2GP1 concentration in each sample is interpolated from this standard curve.

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.

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Online datasheet: <https://stage.aaabiotech.com/beta2-gp-human-elisa-kits/beta2-glycoprotein/87200>