

Guinea Pig beta2-Glycoprotein ELISA Kit | beta2-GP elisa kit

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CATALOG #
AAA82126

REACTIVITY
Guinea Pig

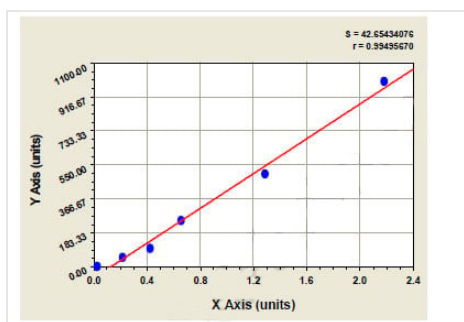
PRODUCT SYNONYMS

beta2-Glycoprotein; Guinea pig beta2-Glycoprotein ELISA Kit; Guinea pig b2-Glycoprotein ELISA Kit; beta2-GP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	0.1 ng/mL.
Intended Uses	This ?2-GP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig ?2-GP. This ELISA kit for research use only, not for therapeutic applications!
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

Principle of the assay: ?2-GP ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ?2-GP. Standards or samples are then added to the microtiter plate wells and ?2-GP if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ?2-GP present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ?2-GP are added to each well to "sandwich" the ?2-GP immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ?2-GP and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ?2-GP 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-guinea-pig-pig-elisa-kits/beta2-glycoprotein/82126>