

Rabbit alpha-1-beta glycoprotein ELISA Kit | A1BG elisa kit

Rabbit alpha-1-beta glycoprotein ELISA Kit

CATALOG #
AAA96835

REACTIVITY
Rabbit

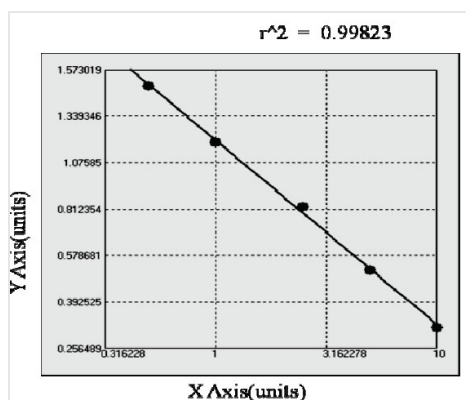
PRODUCT SYNONYMS

alpha-1-beta glycoprotein; Rabbit alpha-1-beta glycoprotein ELISA Kit; Rabbit a-1-b glycoprotein ELISA Kit; A1BG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for A1BG elisa kit

Intended Uses: This alpha1beta-GP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit alpha1beta-GP. This ELISA kit for research use only!

Principle of the Assay: alpha1beta-GP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-alpha1beta-GP antibody and an alpha1beta-GP-HRP conjugate. The assay sample and buffer are incubated together with alpha1beta-GP-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 alpha1beta-GP concentration since alpha1beta-GP from samples and alpha1beta-GP-HRP conjugate compete for the anti-alpha1beta-GP antibody binding site. Since the number of sites is limited, as more sites are occupied by alpha1beta-GP from the sample, fewer sites are left to bind alpha1beta-GP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The alpha1beta-GP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21071030
NCBI GeneID	1
NCBI Accession #	NP_570602.2
NCBI GenBank Nucleotide #	NM_130786.3
Molecular Weight	40,718 Da
NCBI Official Full Name	alpha-1B-glycoprotein
NCBI Official Synonym Full Names	alpha-1-B glycoprotein
NCBI Official Symbol	A1BG
NCBI Official Synonym Symbols	A1B; ABG; GAB; HYST2477
NCBI Protein Information	alpha-1B-glycoprotein; HEL-S-163pA; epididymis secretory sperm binding protein Li 163pA
UniProt Protein Name	Alpha-1B-glycoprotein
UniProt Gene Name	A1BG
UniProt Entry Name	A1BG_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/a1bg-rabbit-elisa-kits/alpha-1-beta-glycoprotein/96835>