

Human alpha1beta glycoprotein ELISA Kit | alpha1beta-GP elisa kit

Human alpha1beta glycoprotein ELISA Kit

CATALOG #
AAA84672

REACTIVITY
Human

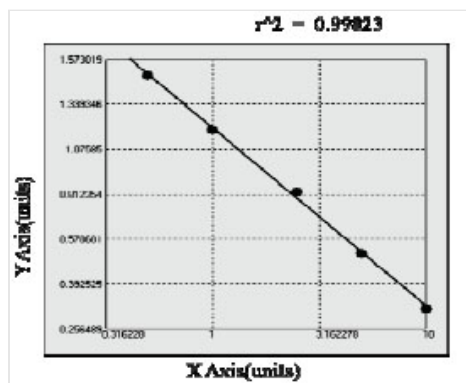
PRODUCT SYNONYMS

alpha1beta glycoprotein; Human alpha1beta glycoprotein ELISA Kit; a1b glycoprotein; alpha1beta glycoprotein (Human); alpha1beta-GP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5 -10ng/mL
Sensitivity	0.1 ng/mL
Intended Uses	This alpha1beta-GP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human alpha1beta-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 alpha1beta-GP elisa kit	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.
Product Categories/Family for alpha1beta-GP elisa kit	Human ELISA Kit

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://www.aaabiotech.com/alpha1beta-gp-human-elisa-kits/alpha1beta-glycoprotein/84672>