

Human beta2 Glycoprotein 1 antibody IgM ELISA Kit | beta2 GP1 Ab IgM elisa kit

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CATALOG #
AAA85416

REACTIVITY
Human

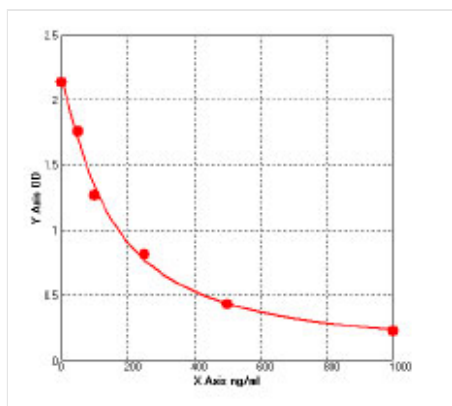
PRODUCT SYNONYMS

beta2 Glycoprotein 1 antibody IgM; Human beta2 Glycoprotein 1 antibody IgM ELISA Kit; Human b2 Glycoprotein 1 antibody IgM ELISA Kit; beta2 GP1 Ab IgM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of B2GP1gM. No significant cross-reactivity or interference between B2GP1gM and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between B2GP1gM 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 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for beta2 GP1 Ab IgM elisa kit	Intended Uses: This B2GPiGM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human B2GPiGM. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: B2GPiGM ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-B2GPiGM antibody and an B2GPiGM-HRP conjugate. The assay sample and buffer are incubated together with B2GPiGM-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 B2GPiGM concentration since B2GPiGM from samples and B2GPiGM-HRP conjugate compete for the anti-B2GPiGM antibody binding site. Since the number of sites is limited, as more sites are occupied by B2GPiGM from the sample, fewer sites are left to bind B2GPiGM-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The B2GPiGM concentration in each sample is interpolated from this standard curve.
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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/beta2-gp1-ab-igm-human-elisa-kits/beta2-glycoprotein-1antibody-igm/85416>