

Rabbit Immunoglobulin G2b ELISA Kit | IgG2b elisa kit

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CATALOG #
AAA247382

REACTIVITY
Rabbit

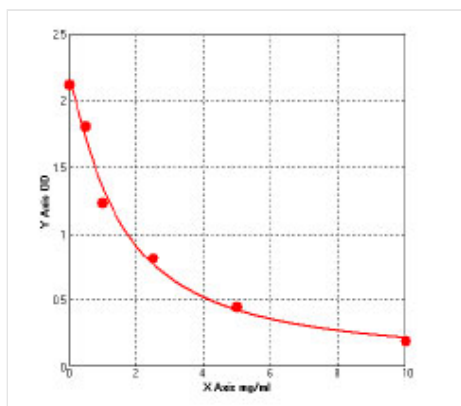
PRODUCT SYNONYMS

Immunoglobulin G2b; Rabbit Immunoglobulin G2b ELISA Kit; IgG2b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of IgG2b. No significant cross-reactivity or interference between IgG2b and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between IgG2b 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	0.1 mg/mL
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IgG2b elisa kit	Intended Uses: This IgG2b ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit IgG2b. This ELISA kit for research use only! Principle of the Assay: IgG2b ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-IgG2b antibody and an IgG2b-HRP conjugate. The assay sample and buffer are incubated together with IgG2b-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 IgG2b concentration since IgG2b from samples and IgG2b-HRP conjugate compete for the anti-IgG2b antibody binding site. Since the number of sites is limited, as more sites are occupied by IgG2b from the sample, fewer sites are left to bind IgG2b-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IgG2b concentration in each sample is interpolated from this standard curve.
Product Categories/Family for IgG2b elisa kit	Immunology

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/igg2b-rabbit-elisa-kits/immunoglobulin-g2b/247382>