

Mouse Immunoglobulin 2alpha ELISA Kit | IgG2alpha elisa kit

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CATALOG #
AAA87163

REACTIVITY
Mouse

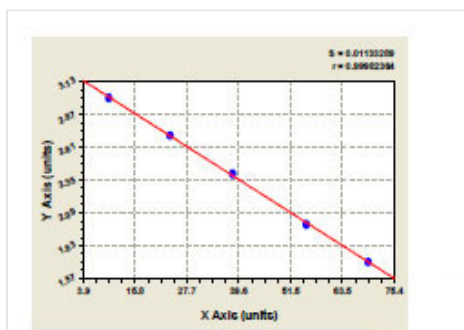
PRODUCT SYNONYMS

Immunoglobulin 2alpha; Mouse Immunoglobulin 2alpha ELISA Kit; Mouse Immunoglobulin 2a ELISA Kit; IgG2alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000?g/mL
Sensitivity	1.0?g/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IgG2alpha elisa kit

Intended Uses: This IGHA2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse IGHA2.

Principle of the Assay: IGHA2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-IGHA2 antibody and an IGHA2-HRP conjugate. The assay sample and buffer are incubated together with IGHA2-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 IGHA2 concentration since IGHA2 from samples and IGHA2-HRP conjugate compete for the anti-IGHA2 antibody binding site. Since the number of sites is limited, as more sites are occupied by IGHA2 from the sample, fewer sites are left to bind IGHA2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IGHA2 concentration in each sample is interpolated from this standard curve.

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/igg2alpha-mouse-elisa-kits/immunoglobulin-2alpha/87163>