

Mouse Immunoglobulin A ELISA Kit | IgA elisa kit

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CATALOG #
AAA82287

REACTIVITY
Mouse

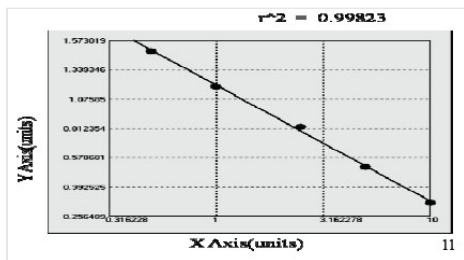
PRODUCT SYNONYMS

Immunoglobulin A; Mouse Immunoglobulin A ELISA Kit; IgA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50mg/mL
Sensitivity	0.1mg/mL
Intended Uses	This IgA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse IgA. 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 IgA elisa kit

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

Product Categories/Family for IgA elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	2632187
NCBI Official Full Name	IgA, partial

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/iga-mouse-elisa-kits/immunoglobulin-a/82287>