

Monkey Immunoglobulin D ELISA Kit | IgD elisa kit

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CATALOG #
AAA17154

REACTIVITY
Monkey

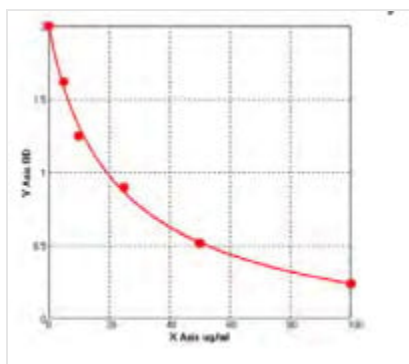
PRODUCT SYNONYMS

Immunoglobulin D; Monkey Immunoglobulin D ELISA Kit; IgD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of IgD. No significant cross-reactivity or interference between IgD and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between IgD and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ug/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IgD elisa kit	Principle of the Assay: IgD ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-IgD antibody and an IgD-HRP conjugate. The assay sample and buffer are incubated together with IgD-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 IgD concentration since IgD from samples and IgD-HRP conjugate compete for the anti-IgD antibody binding site. Since the number of sites is limited, as more sites are occupied by IgD from the sample, fewer sites are left to bind IgD-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IgD concentration in each sample is interpolated from this standard curve. Intended Uses: This IgD ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey IgD. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for IgD elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	402238463
NCBI Official Full Name	immunoglobulin D

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/igd-monkey-elisa-kits/immunoglobulin-d/17154>