

Human Anti-IgA Antibody ELISA Kit | IgA elisa kit

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CATALOG #
AAA136137

REACTIVITY
Human

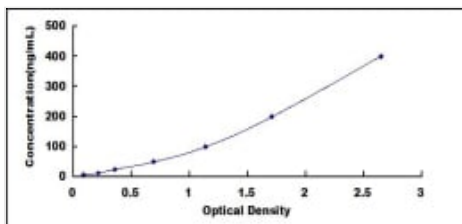
PRODUCT SYNONYMS

Anti-IgA Antibody; Human Anti-IgA Antibody ELISA Kit; IgA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-Immunoglobulin A Antibody (Anti-IgA). No significant cross-reactivity or interference between Anti-Immunoglobulin A Antibody (Anti-IgA) and analogues was observed.
Sequence Length	131
Assay Type	Competitive Inhibition
Samples	Serum, Plasma and other biological fluids
Detection Range	6.25-400ng/mL
Sensitivity	2.52ng/mL
Application	Enzyme-linked immunosorbent assay for Antibody Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Anti-Immunoglobulin A Antibody (Anti-IgA) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Anti-Immunoglobulin A Antibody (Anti-IgA) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	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. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IgA elisa kit	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Anti-Immunoglobulin A Antibody (Anti-IgA) will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Anti-Immunoglobulin A Antibody (Anti-IgA) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for IgA elisa kit	Infection immunity; Immune molecule; Hematology; Pulmonology

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/human-elisa-kits/anti-iga-antibody/136137>