

Human IgA ELISA Kit | IgA elisa kit

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CATALOG #
AAA269042

REACTIVITY
Human

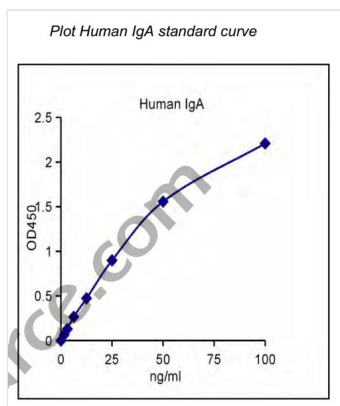
PRODUCT SYNONYMS

IgA; Human IgA ELISA Kit; IgA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit specifically recognizes natural and recombinant human IgA, which may have cross reaction with non-human primate IgA.
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant, perfusion fluid, urine, amniotic fluid, ascites, cerebrospinal fluid, pleural effusion, tissue homogenate and other types of samples
Sensitivity	Up to 0.78 ng/ml
Preparation and Storage	Store at 4 degree C Shipping: Gel Ice

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IgA elisa kit	Background: There are two subtypes of immunoglobulin A (IgA), IgA1 and IgA2. The content of IgA in normal human serum is second only to immunoglobulin G(IgG), accounting for 15% of the total content of immunoglobulin. IgA can be divided into serotype and secretory type. IgA in serum mainly exists in monomer form.Secretory immunoglobulin A(SIgA) mainly exists in the form of dimers in saliva, tears, colostrum, mucus, sweat, gastric juice and other secretions.A typical SIgA molecule is a heterodimer composed of two IgA monomers (each containing two light and two heavy chains), a J chain, and a secretory sheet (SC, an extracellular fragment of the polyimmunoglobulin receptor).The serum type IgA mediates opsonophagocytosis ADCC function, SIgA can block microbial and antigenic substances on mucosal adhesion, opsonophagocytosis, lysozyme, neutralization of toxins and viruses and other functions, in mucosal local play an important role in anti-infection and anti-allergy, is the body mucosal local anti-infection immunity of the most important antibody. Principle of the Assay: 7KH ELISA kit uses double antibody sandwich method: anti-human IgA monoclonal antibody is coated on an enzyme plate. IgA is bound to monoclonal antibody in samples and standard products, and free components are washed away.With the addition of an enzyme-conjugated antibody, the antihuman IgA antibody binds to the human IgA bound to a single antibody to form an immune complex, and the free components are washed away. Add chromogenic substrate, if there is IgA in the reaction hole, horseradish peroxidase will make the colorless chromogenic agent blue, add stop solution to turn yellow.The concentration of IgA in the specimen can be calculated by drawing a standard curve. OD value at 450nm shows that the concentration of IgA is in direct proportion to OD450.
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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://www.aaabiotech.com/human-elisa-kits/iga/269042>