

Human IgE ELISA Kit | IgE elisa kit

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CATALOG #
AAA263340

REACTIVITY
Human

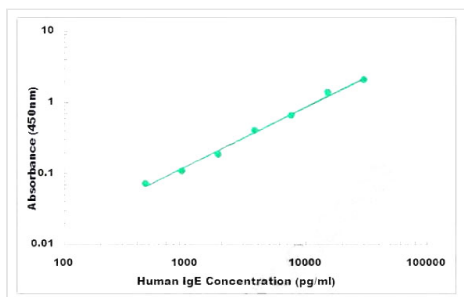
PRODUCT SYNONYMS

IgE; Human IgE ELISA Kit; Immunoglobulin E; IgE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human IgE ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human IgE proteins within the range of 468 pg/ml - 30000 pg/ml.
Samples	Culture Supernates, Serum, Plasma, Cell Lysates, Tissue Homogenates
Sensitivity	< 200 pg/ml
Preparation and Storage	Store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IgE elisa kit

Background: Immunoglobulin E (IgE) is a type of antibody (or immunoglobulin (Ig) "isotype") that has only been found in mammals. IgE is synthesised by plasma cells. Monomers of IgE consist of two heavy chains (epsilon chain) and two light chains, with the epsilon chain containing 4 Ig-like constant domains (Cepsilon1-Cepsilon4). IgE's main function is immunity to parasites such as helminths like *Schistosoma mansoni*, *Trichinella spiralis*, and *Fasciola hepatica*. IgE is utilized during immune defense against certain protozoan parasites such as *Plasmodium falciparum*.

Principle of the Assay: The AAA Biotech' Human IgE ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human IgE in Cell Culture Supernates, Serum, Plasma, Cell Lysates, Tissue Homogenates. This assay employs an antibody specific for Human IgE coated on a 96-well plate. Standards and samples are pipetted into the wells and IgE present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human IgE antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of IgE bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

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/ige/263340>