

Mouse IgE ELISA Kit | IgE elisa kit

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CATALOG #
AAA27880

REACTIVITY
Mouse

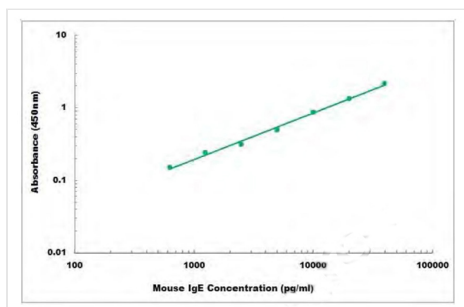
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse IgE ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse IgE proteins within the range of 625 pg/ml - 40000 pg/ml.
Samples	Culture Supernates, Serum, Plasma, Cell Lysates, Tissue Homogenates
Sensitivity	< 300 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 Mouse IgE ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse IgE in Cell Culture Supernates, Serum, Plasma, Cell Lysates, Tissue Homogenates. This assay employs an antibody specific for Mouse 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-Mouse 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/mouse-elisa-kits/ige/27880>