

Porcine Immunoglobulin E ELISA Kit | IgE elisa kit

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CATALOG #
AAA16976

REACTIVITY
Porcine

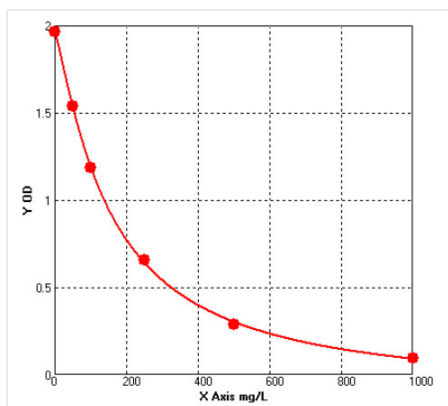
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This assay has high sensitivity and excellent specificity for detection of IgE. No significant cross-reactivity or interference between IgE and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between IgE 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 mg/L
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	5305665
NCBI Official Full Name	immunoglobulin E heavy chain, 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/ige-porcine-elisa-kits/immunoglobulin-e/16976>