

Human anti-IgE receptor antibody ELISA Kit

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CATALOG #
AAA247138

REACTIVITY
Human

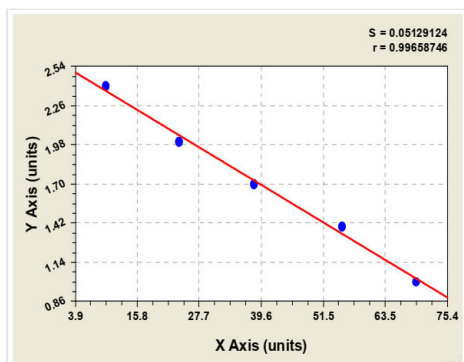
PRODUCT SYNONYMS

anti-IgE receptor antibody; Human anti-IgE receptor antibody ELISA Kit; anti-IgE receptor antibody elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IgER-Ab. No significant cross-reactivity or interference between IgER-Ab and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between IgER-Ab 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	0.1ug/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for anti-IgE receptor antibody elisa kit	Principle of the Assay: IgER-Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing a IgER antigen and an IgER-Ab-HRP conjugate. The assay sample and buffer are incubated together with IgER-Ab-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 IgER-Ab concentration since IgER-Ab from samples and IgER-Ab-HRP conjugate compete for the IgER antigen binding site. Since the number of sites is limited, as more sites are occupied by IgER-Ab from the sample, fewer sites are left to bind IgER-Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IgER-Ab concentration in each sample is interpolated from this standard curve. Intended Uses: This IgER-Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human IgER-Ab. This ELISA kit for research use only, not for therapeutic or test applications!
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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://stage.aaabiotech.com/human-elisa-kits/anti-ige-receptor-antibody/247138>