

Goat Anti-IgE receptor antibody ELISA Kit | IgER elisa kit

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CATALOG #
AAA94457

REACTIVITY
Goat

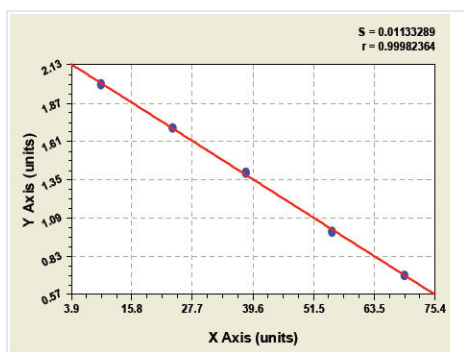
PRODUCT SYNONYMS

Anti-IgE receptor antibody; Goat Anti-IgE receptor antibody ELISA Kit; IgER elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This Anti-IgER ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat Anti-IgER. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IgER elisa kit

Principle of the assay: Anti-IgER ELISA kit applies the competitive enzyme immunoassay technique utilizing IgE receptor antigen and an Anti-IgER-HRP conjugate. The assay sample and buffer are incubated together with Anti-IgER-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 Anti-IgER concentration since Anti-IgER from samples and Anti-IgER-HRP conjugate compete for the IgE receptor antigen binding site. Since the number of sites is limited, as more sites are occupied by Anti-IgER from the sample, fewer sites are left to bind Anti-IgER-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Anti-IgER concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IgER elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	556391
NCBI Official Full Name	IgE receptor, 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/iger-goat-elisa-kits/anti-ige-receptor-antibody/94457>