

Mouse Anti Candida Albicans (C.albicans) IgE Antibody ELISA Kit

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CATALOG #
AAA247334

REACTIVITY
Mouse

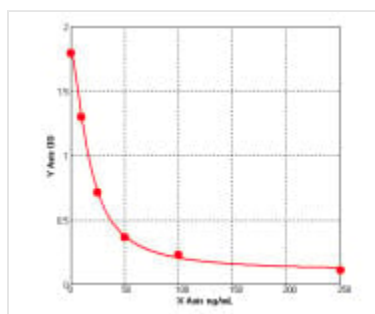
PRODUCT SYNONYMS

Anti Candida Albicans (C.albicans) IgE Antibody; Mouse Anti Candida Albicans (C.albicans) IgE Antibody ELISA Kit; Anti Candida Albicans (C.albicans) IgE Antibody elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CA IgE-Ab. No significant cross-reactivity or interference between CA IgE-Ab and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CA IgE-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	1.0 ng/mL
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Anti Candida Albicans (C.albicans) IgE Antibody elisa kit	Principle of the Assay: CA IgE-Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing Candida Albicans (C.albicans) IgE antigen and an CA IgE-Ab-HRP conjugate. The assay sample and buffer are incubated together with CA IgE-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 CA IgE-Ab concentration since CA IgE-Ab from samples and CA IgE-Ab-HRP conjugate compete for the Candida Albicans (C.albicans) IgE antigen binding site. Since the number of sites is limited, as more sites are occupied by CA IgE-Ab from the sample, fewer sites are left to bind CA IgE-Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CA IgE-Ab concentration in each sample is interpolated from this standard curve. Intended Uses: This CA IgE-Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CA IgE-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/mouse-elisa-kits/anti-candida-albicans-c-albicans-ige-antibody/247334>