

Mouse Anti Glutamic Acid Decarboxylase 65 antibody ELISA Kit | Anti-GAD65 elisa kit

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CATALOG #
AAA27407

REACTIVITY
Mouse

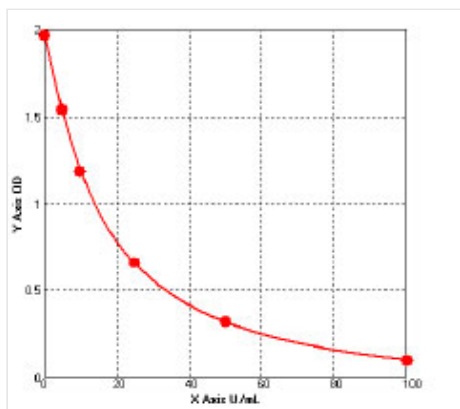
PRODUCT SYNONYMS

Anti Glutamic Acid Decarboxylase 65 antibody; Mouse Anti Glutamic Acid Decarboxylase 65 antibody ELISA Kit; Anti-GAD65 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of GAD65Ab. No significant cross-reactivity or interference between GAD65Ab and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between GAD65Ab and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 U/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Anti-GAD65 elisa kit	Intended Uses: This GAD65Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse GAD65Ab. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: GAD65Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing Glutamic Acid Decarboxylase 65 antigen and an GAD65Ab-HRP conjugate. The assay sample and buffer are incubated together with GAD65Ab-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 GAD65Ab concentration since GAD65Ab from samples and GAD65Ab-HRP conjugate compete for the Glutamic Acid Decarboxylase 65 antigen binding site. Since the number of sites is limited, as more sites are occupied by GAD65Ab from the sample, fewer sites are left to bind GAD65Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GAD65Ab concentration in each sample is interpolated from this standard curve.
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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/anti-gad65-mouse-elisa-kits/antiglutamicaciddecarboxylase65antibody/27407>