

Mouse Anti-tissue transglutaminase IgA ELISA Kit | TTG-IgA elisa kit

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CATALOG # AAA16401	REACTIVITY Mouse
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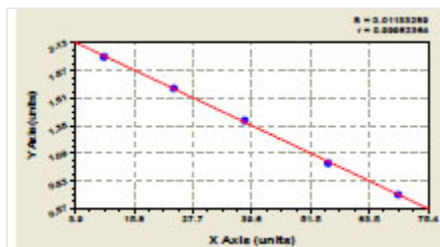
PRODUCT SYNONYMS

Anti-tissue transglutaminase IgA; Mouse Anti-tissue transglutaminase IgA ELISA Kit; TTG-IgA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	2.5-50u/mL
Sensitivity	1.0 u/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TTG-IgA elisa kit	Intended Uses: This TTGAb ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse TTGAb. This ELISA kit for research use only! Principle of the Assay TTGAb ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TTGAb antibody and an TTGAb-HRP conjugate. The assay sample and buffer are incubated together with TTGAb-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 TTGAb concentration since TTGAb from samples and TTGAb-HRP conjugate compete for the anti-TTGAb antibody binding site. Since the number of sites is limited, as more sites are occupied by TTGAb from the sample, fewer sites are left to bind TTGAb-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TTGAb concentration in each sample is interpolated from this standard curve.
Product Categories/Family for TTG-IgA elisa kit	Cell Biology

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/ttg-lga-mouse-elisa-kits/anti-tissue-transglutaminase-lga/16401>