

Product datasheet

Human Anti-Tissue Transglutaminase Antibody IgA ELISA Kit

Catalog # EK00835E

Overview

Product name	Human Anti-Tissue Transglutaminase Antibody IgA (tTG-IgA) ELISA Kit
Size	96 wells
Species Reactivity	Human
Assay Type	Sandwich
Sample Type	Serum, Plasma, Other human body fluids & secretions
Assay Range	15pg/mL – 500pg/mL
Kit Components	Assay Plate, Standard, Standard diluent, Sample diluent, Enzyme conjugate, Detection reagent A & B, Wash buffer, Stop solution, Protocol, Quality control certificate
Storage	Store at 2-8 °C
Product Note	<p>This ELISA Kit uses the double-antigen sandwich method to determine the level of human anti-tissue transglutaminase antibody IgA (tTG-IgA) in the specimen. The ELISA analytical biochemical technique of the kit is based on tTG-antigen-tTG-IgA antibody interactions (immunosorbency) and an HRP colorimetric detection system to detect tTG-IgA targets in samples. tTG-IgA are added to the antigen-coated microwells, and then combine with the HRP-labeled antigen to form an antigen-antibody -Enzyme-labeled antigen complex, after thorough washing, add substrate TMB to develop color. TMB is converted into blue under the catalysis of HRP enzyme, and into the final yellow under the action of acid. The color intensity is positively correlated with tTG-IgA in the sample. Absorbance (OD value) is measured at a wavelength of 450nm with a microplate reader, and the concentration of human tTG-IgA in the sample can be calculated from the standard curve.</p>



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Typical Data

Results of a typical standard curve are provided **with the product** for **demonstration only** and should not be used to obtain test results.

A standard curve must be run for each set of samples assayed.

IMPORTANCE

After receiving the kit, please check the intactness of outer packaging, check whether the reagent bottles are broken, leaking or the amount of liquid is significantly reduced, etc. If the diluent is polluted such as flocculent bacterial colonies; the substrate is not transparent and the microtiter plate is leaking, etc; please contact the distributor. In rare cases, crystals may appear in the substrate. Normally the crystals will dissolve at room temperature, this will not affect the testing results.

