

## Chicken Transglutaminase ELISA Kit | TG elisa kit

Chicken Transglutaminase ELISA Kit

CATALOG #  
**AAA93679**

REACTIVITY  
**Chicken**

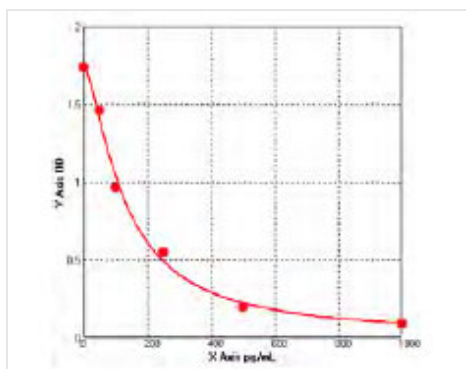
### PRODUCT SYNONYMS

Transglutaminase; Chicken Transglutaminase ELISA Kit; TG elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Chicken                                                                    |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate |
| Assay Type              | Quantitative Competitive                                                   |
| Sensitivity             | 1.0 pg/mL.                                                                 |
| Preparation and Storage | Store all reagents at 2-8 degree C                                         |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for TG elisa kit

Intended Uses: This TG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken TG. This ELISA kit for research use only!

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

#### Product Categories/Family for TG elisa kit

Metabolism

NCBI AND UNIPROT INFORMATION

|                         |                  |
|-------------------------|------------------|
| NCBI GI #               | 387605           |
| NCBI Official Full Name | transglutaminase |

**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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/tg-chicken-elisa-kits/transglutaminase/93679>