

## Human Total Immunoglobulin ELISA Kit | TIG elisa kit

Human Total Immunoglobulin ELISA Kit

CATALOG #  
**AAA83956**

REACTIVITY  
**Human**

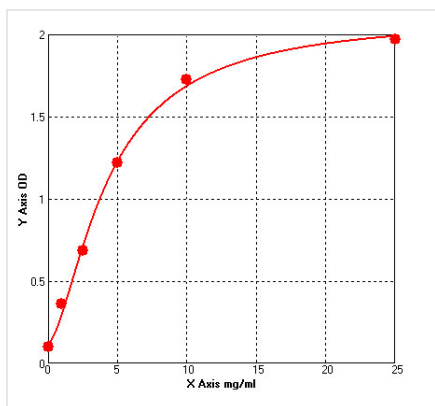
### PRODUCT SYNONYMS

Total Immunoglobulin; Human Total Immunoglobulin ELISA Kit; TIG elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                 |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of TIG. No significant cross-reactivity or interference between TIG and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TIG and all the analogues, therefore, cross reaction may still exist in some cases. |
| Assay Type              | Quantitative Competitive or Sandwich                                                                                                                                                                                                                                                                                                                                                  |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                            |
| Sensitivity             | 0.1 mg/ml                                                                                                                                                                                                                                                                                                                                                                             |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

## ADDITIONAL INFORMATION

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|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for TIG elisa kit | <p>Principle of the Assay: TIG ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for TIG. Standards or samples are then added to the microtiter plate wells and TIG if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of TIG present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for TIG are added to each well to "sandwich" the TIG immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain TIG and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TIG concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This TIG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human TIG. This ELISA kit for research use only, not for therapeutic or test applications!</p> |
| Product Categories/Family for TIG elisa kit   | <a href="#">Immunology</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## NCBI AND UNIPROT INFORMATION

|                            |                           |
|----------------------------|---------------------------|
| NCBI GI #                  | <a href="#">159030459</a> |
| UniProt Accession #        | <a href="#">A8YMD6</a>    |
| Molecular Weight           | 51,856 Da                 |
| NCBI Official Full Name    | tig                       |
| UniProt Protein Name       | Trigger factor            |
| UniProt Gene Name          | <b>tig</b>                |
| UniProt Synonym Gene Names | IPF_798; TF               |
| UniProt Entry Name         | A8YMD6_MICAE              |

**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/tig-human-elisa-kits/total-immunoglobulin/83956>