

## Human TTN (Titin Antibody) ELISA Kit | TTN elisa kit

Human Anti-TTN (Anti-Titin Antibody) ELISA Kit

CATALOG #  
AAA277970

REACTIVITY  
Human

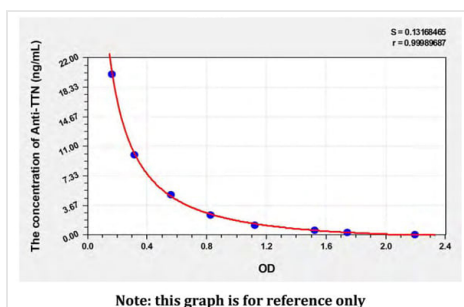
### PRODUCT SYNONYMS

TTN (Titin Antibody); Human Anti-TTN (Anti-Titin Antibody) ELISA Kit; CMD1G; CMH9; CMPD4; HMERF; LGMD2J; TMD; Cardiomyopathy; Dilated 1G (Autosomal Dominant); TTN elisa kit

### PRODUCT SPECIFICATIONS

|                       |                                                                                                                                                                                               |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity            | Human                                                                                                                                                                                         |
| Specificity           | This assay has high sensitivity and excellent specificity for detection of Human Anti-TTN. No significant cross-reactivity or interference between Human Anti-TTN and analogues was observed. |
| Assay Type            | Competitive                                                                                                                                                                                   |
| Detection Range       | 0.32-20 ng/mL                                                                                                                                                                                 |
| Sensitivity           | 0.14 ng/mL                                                                                                                                                                                    |
| Intra-assay Precision | Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.                        |
| Inter-assay Precision | Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.                       |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for TTN elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human Anti-TTN protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Anti-TTN. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm  $\pm$  10nm. The concentration of Human Anti-TTN in the samples is then determined by comparing the OD of the samples to the standard curve.

**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/human-elisa-kits/ttn-titin-antibody/277970>