

Human TTN ELISA Kit | TTN elisa kit

Human TTN (Titin) ELISA Kit

CATALOG #
AAA165175

REACTIVITY
Human

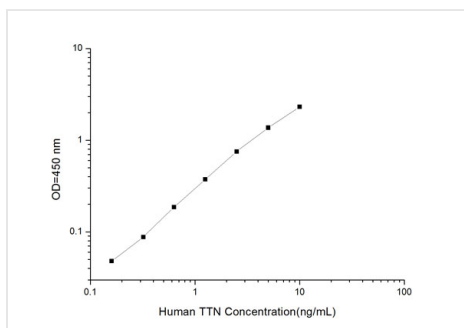
PRODUCT SYNONYMS

TTN; Human TTN (Titin) ELISA Kit; TTN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human TTN. No significant cross-reactivity or interference between Human TTN and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human TTN and all the analogues, therefore, cross reaction may still exist.
Sequence Length	35991
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TTN elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TTN in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human TTN. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human TTN and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human TTN, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human TTN. You can calculate the concentration of Human TTN in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	388998877
NCBI GeneID	7273
NCBI Accession #	NP_001254479.1
NCBI GenBank Nucleotide #	NM_001267550.1
UniProt Accession #	Q8WZ42; Q10465; Q10466; Q15598; Q2XUS3; Q32Q60; Q4U1Z6; Q4ZG20; A6NKB1; E7EQE6; E7ET18; K7ENY1
Molecular Weight	3,831,069 Da
NCBI Official Full Name	titin isoform IC
NCBI Official Synonym Full Names	titin
NCBI Official Symbol	TTN
NCBI Official Synonym Symbols	TMD; CMH9; CMD1G; CMPD4; EOMFC; HMERF; MYLK5; LGMD2J
NCBI Protein Information	titin; connectin; rhabdomyosarcoma antigen MU-RMS-40.14
UniProt Protein Name	Titin
UniProt Gene Name	TTN
UniProt Entry Name	TITIN_HUMAN

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/165175>