

Human titin ELISA Kit | TTN elisa kit

Human Titin, TTN ELISA Kit

CATALOG #
AAA112486

REACTIVITY
Human

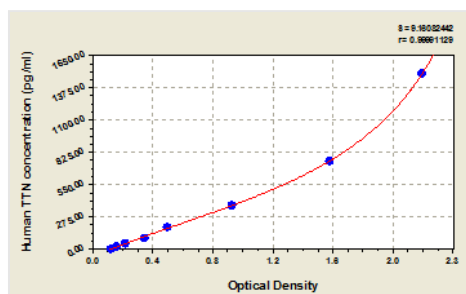
PRODUCT SYNONYMS

titin; Human Titin; TTN ELISA Kit; Human Titin (TTN) ELISA kit; CMD1G; CMH9; CMPD4; CONNECTIN; DKFZp451N061; EOMFC; FLJ26020; FLJ26409; FLJ32040; FLJ34413; FLJ39564; FLJ43066; HMERF; LGMD2J; TMD; rhabdomyosarcoma antigen MU-RMS-40.14; 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.
Sequence Length	34350
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	23.5 pg/ml-1500 pg/ml
Sensitivity	< 5.8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TTN elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TTN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TTN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TTN is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TTN bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	378925625
NCBI GeneID	7273
NCBI Accession #	NP_001243779.1
NCBI GenBank Nucleotide #	NM_001256850.1
UniProt Accession #	Q8WZ42; Q10465; Q10466; Q15598; Q2XUS3; Q32Q60; Q4U1Z6; Q4ZG20; A6NKB1; E7EQE6; E7ET18; K7ENY1
Molecular Weight	3,816,030 Da
NCBI Official Full Name	titin isoform N2BA
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.