

Chicken TTN ELISA Kit | TTN elisa kit

Chicken TTN (Titin) ELISA Kit

CATALOG #
AAA163949

REACTIVITY
Chicken

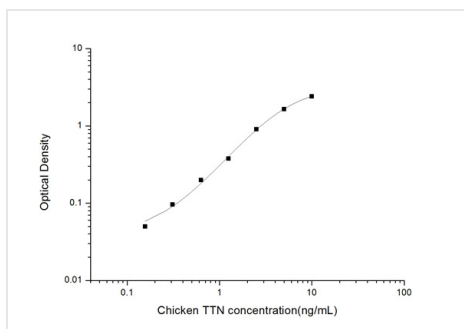
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This kit recognizes natural and recombinant Chicken TTN. No significant cross-reactivity or interference between Chicken TTN and analogues was observed.
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	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Chicken TTN concentrations in 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 TTN. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for 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 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 TTN. You can calculate the concentration of 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.