

Canine anti-titin (TTN antibody) ELISA Kit | TTN elisa kit

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CATALOG # AAA180853	REACTIVITY Canine
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PRODUCT SYNONYMS

anti-titin (TTN antibody); Canine anti-titin (TTN antibody) ELISA Kit; TTN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	No cross-reaction with other factors.
Sequence Length	26926
Samples	Canine serum, plasma, or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TTN elisa kit	Principle of the Assay: As mentioned above, this kit utilizes the Double Antigen Sandwich ELISA technique. The pre-coated antigen is a related-Canine TTN antibody antigen, while the detection antigen is another antigen. Samples are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1212992
NCBI GeneID	7273
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
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
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/canine-elisa-kits/anti-titin-ttn-antibody/180853>