

Human troponin T type 3 (skeletal, fast) ELISA Kit | TNNT3 elisa kit

Human Troponin T, fast skeletal muscle, TNNT3 ELISA Kit

CATALOG #
AAA112734

REACTIVITY
Human

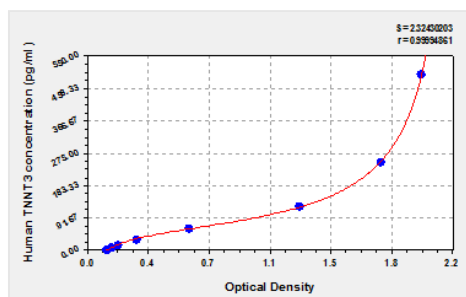
PRODUCT SYNONYMS

troponin T type 3 (skeletal; fast); Human Troponin T; fast skeletal muscle; TNNT3 ELISA Kit; fast skeletal muscle (TNNT3) ELISA kit; DKFZp779M2348; TNNTF; OTTHUMP00000014435; troponin T; troponin T3; skeletal; fast; troponin-T3; TNNT3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human TNNT3. No significant cross-reactivity or interference between human TNNT3 and analogues was observed.
Sequence Length	250
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	7.81 pg/ml-500 pg/ml
Sensitivity	< 1.95 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 TNNT3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TNNT3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNNT3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNNT3 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 TNNT3 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 #	112789536
NCBI GeneID	7140
NCBI Accession #	NP_001036245.1
NCBI GenBank Nucleotide #	NM_001042780.2
UniProt Accession #	P45378; Q12975; Q12976; Q12977; Q12978; Q17RG9; A8MQ76; A8MSW1; B3KPX3; B7WP64; B7ZL26; B7ZVV9
Molecular Weight	31,825 Da
NCBI Official Full Name	troponin T, fast skeletal muscle isoform 3
NCBI Official Synonym Full Names	troponin T type 3 (skeletal, fast)
NCBI Official Symbol	TNNT3
NCBI Official Synonym Symbols	TNTF
NCBI Protein Information	troponin T, fast skeletal muscle; fTnT; beta TnTF; beta-TnTF; troponin-T3, skeletal, fast; fast skeletal muscle troponin T
UniProt Protein Name	Troponin T, fast skeletal muscle
UniProt Gene Name	TNNT3
UniProt Synonym Gene Names	TnTf; fTnT
UniProt Entry Name	TNNT3_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/tnnt3-human-elisa-kits/troponin-t-type-3-skeletal-fast/112734>