

Human Troponin I Type 1, Slow Skeletal (TNNI1) RTU ELISA Kit | TNNI1 rtu elisa kit

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CATALOG #
AAA218914

REACTIVITY
Human

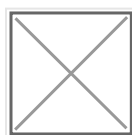
PRODUCT SYNONYMS

Troponin I Type 1; Slow Skeletal (TNNI1); Human Troponin I Type 1; Slow Skeletal (TNNI1) ELISA Kit; TNNI1; Troponin I; slow-twitch isoform; TNNI1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	187
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	46.8-3000pg/mL
Sensitivity	18.62pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNNI1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TNNI1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TNNI1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TNNI1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of TNNI1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	56682969
NCBI GeneID	7135

NCBI Accession #	NP_003272.3
NCBI GenBank Nucleotide #	NM_003281.3
UniProt Accession #	P19237 ; Q659A5 ; Q6FGS7 ; Q6FGW1 ; Q6ICU2 ; Q86T57 ; Q96DT9 ; A6NEH3 ; A8MSJ0
Molecular Weight	21,692 Da
NCBI Official Full Name	troponin I, slow skeletal muscle
NCBI Official Synonym Full Names	troponin I1, slow skeletal type
NCBI Official Symbol	TNNI1
NCBI Official Synonym Symbols	TNN1; SSTNI
NCBI Protein Information	troponin I, slow skeletal muscle
UniProt Protein Name	Troponin I, slow skeletal muscle
UniProt Gene Name	TNNI1

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-rtu-elisa-kits/troponin-i-type-1-slow-skeletal-tnni1/218914>