

Human TNNI2 ELISA Kit | TNNI2 elisa kit

Human TNNI2 (Troponin I Type 2, Fast Skeletal) ELISA Kit

CATALOG #
AAA165711

REACTIVITY
Human

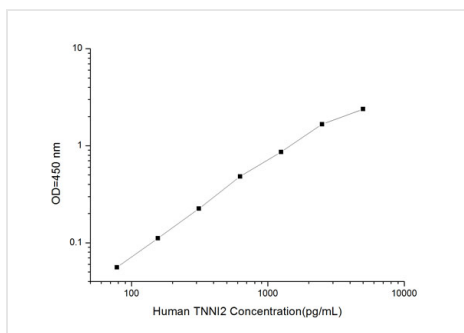
PRODUCT SYNONYMS

TNNI2; Human TNNI2 (Troponin I Type 2; Fast Skeletal) ELISA Kit; TNNI2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human TNNI2. No significant cross-reactivity or interference between Human TNNI2 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human TNNI2 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	182
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	Min: 46.875pg/mL; Max: 5000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNNI2 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TNNI2 in human 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 Human TNNI2. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human TNNI2 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 Human TNNI2, 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 Human TNNI2. You can calculate the concentration of Human TNNI2 in the samples by comparing the OD of the samples to the standard curve.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	224967106
NCBI GeneID	7136
NCBI Accession #	NP_001139313.1
NCBI GenBank Nucleotide #	NM_001145841.1
UniProt Accession #	P48788; A6NIV8; A6NJU5
Molecular Weight	21,355 Da
NCBI Official Full Name	troponin I, fast skeletal muscle isoform 2
NCBI Official Synonym Full Names	troponin I type 2 (skeletal, fast)
NCBI Official Symbol	TNNI2
NCBI Official Synonym Symbols	DA2B; FSSV; fsTnI; AMCD2B
NCBI Protein Information	troponin I, fast skeletal muscle; troponin I fast twitch 2; troponin I, fast-twitch isoform; troponin I, fast-twitch skeletal muscle isoform; troponin I, skeletal, fast
UniProt Protein Name	Troponin I, fast skeletal muscle
UniProt Gene Name	TNNI2
UniProt Entry Name	TNNI2_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.