

Human Tropomyosin alpha-4 chain ELISA Kit | TPM4 elisa kit

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CATALOG #
AAA23353

REACTIVITY
Human

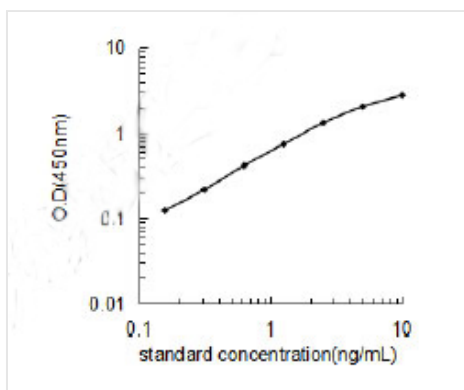
PRODUCT SYNONYMS

Tropomyosin alpha-4 chain; Human Tropomyosin alpha-4 chain ELISA Kit; TM30p1; Tropomyosin-4; TPM4; TPM4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Tropomyosin alpha-4 chain
Sequence Length	284
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.078 ng/mL
Intra-assay Precision	<=4.6%
Inter-assay Precision	<=7.8%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TPM4 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223555975
NCBI GeneID	7171
NCBI Accession #	NP_001138632.1
NCBI GenBank Nucleotide #	NM_001145160.1
Molecular Weight	32,723 Da
NCBI Official Full Name	tropomyosin alpha-4 chain isoform Tpm4.1cy
NCBI Official Synonym Full Names	tropomyosin 4
NCBI Official Symbol	TPM4
NCBI Official Synonym Symbols	HEL-S-108
NCBI Protein Information	tropomyosin alpha-4 chain
UniProt Protein Name	Tropomyosin alpha-4 chain
UniProt Gene Name	TPM4
UniProt Entry Name	TPM4_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/tpm4-human-elisa-kits/tropomyosin-alpha-4-chain/23353>