

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

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CATALOG #
AAA123704

REACTIVITY
Human

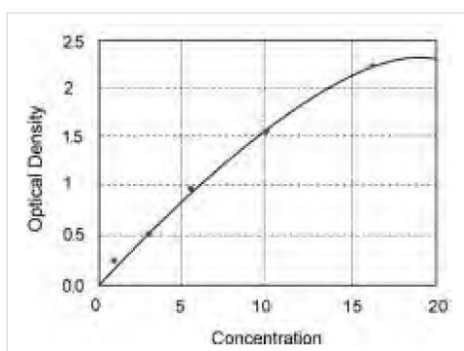
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	248
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	15-3000ng/L
Sensitivity	7.54ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TPM4 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human TPM4 antibody. TPM4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human TPM4 Antibody is added and binds to TPM4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TPM4 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human TPM4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Tropomyosin alpha-4 chain (also known as TPM4) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20178270
NCBI GeneID	100147533
UniProt Accession #	P02561
NCBI Official Full Name	Tropomyosin alpha-4 chain
NCBI Official Symbol	TPM4
NCBI Protein Information	tropomyosin alpha-4 chain
UniProt Protein Name	Tropomyosin alpha-4 chain
UniProt Gene Name	TPM4

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-elisa-kits/tropomyosin-alpha-4-chain-tpm4/123704>