

Human TPM4 (Tropomyosin-4) ELISA Kit | TPM4 elisa kit

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CATALOG #
AAA249163

REACTIVITY
Human

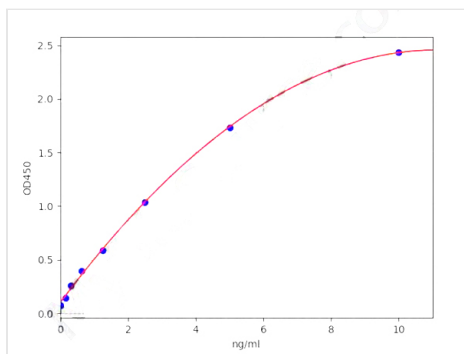
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TPM4. No significant cross-reactivity or interference between TPM4 and analogues was observed.
Sequence Length	284
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.156-10ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TPM4 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223555975
NCBI GeneID	7171
NCBI Accession #	NP_001138632.1
NCBI GenBank Nucleotide #	NP_001138632.1
UniProt Accession #	P67936
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/tpm4-tropomyosin-4/249163>