

Mouse Tumor Protein, Translationally Controlled 1 (TPT1) ELISA Kit | TPT1 elisa kit

Mouse Tumor Protein, Translationally Controlled 1 (TPT1) ELISA Kit

CATALOG #
AAA64272

REACTIVITY
Mouse

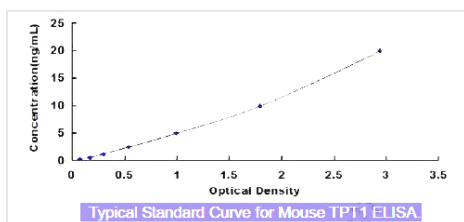
PRODUCT SYNONYMS

Tumor Protein; Translationally Controlled 1 (TPT1); Mouse Tumor Protein; Translationally Controlled 1 (TPT1) ELISA Kit; HRF; TCTP; p02; p23; Fortilin; Translationally-Controlled Tumor Protein; Histamine-releasing factor; TPT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of TOMM70A. No significant cross-reactivity or interference between TOMM70A and analogues was observed.
Sequence Length	172
Samples	Human Tissue Homogenates, Cell Lysates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.101ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TOMM70A were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TOMM70A were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TPT1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of TOMM70A in human tissue homogenates, cell lysates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TOMM70A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TOMM70A. 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 TOMM70A, 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 +/- 10nm. The concentration of TOMM70A in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678437
NCBI GeneID	22070
NCBI Accession #	NP_033455.1
NCBI GenBank Nucleotide #	NM_009429.3
UniProt Accession #	P63028; P14701; Q3TMT0; Q3TWS8; Q3TWX0; Q3UAG7; Q569M9
Molecular Weight	19,462 Da
NCBI Official Full Name	translationally-controlled tumor protein
NCBI Official Synonym Full Names	tumor protein, translationally-controlled 1
NCBI Official Symbol	Tpt1
NCBI Official Synonym Symbols	Trt; p21; p23; TCTP
NCBI Protein Information	translationally-controlled tumor protein
UniProt Protein Name	Translationally-controlled tumor protein
UniProt Gene Name	Tpt1
UniProt Synonym Gene Names	Trt; TCTP

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/mouse-elisa-kits/tumor-protein-translationally-controlled-1-tpt1/64272>