# Mouse tumor protein, translationally-controlled 1 ELISA Kit | TPT1 elisa kit

Mouse Translationally-controlled tumor protein, TPT1 ELISA Kit

| CATALOG # | REACTIVITY |
|---|---|
| **AAA112326** | **Mouse** |

## PRODUCT SYNONYMS

tumor protein; translationally-controlled 1; Mouse Translationally-controlled tumor protein; TPT1 ELISA Kit; Mouse Translationally-controlled tumor protein (TPT1) ELISA kit; FLJ27337; HRF; TCTP; p02; fortilin; histamine-releasing factor; TPT1 elisa kit

## PRODUCT SPECIFICATIONS

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| **Reactivity** | Mouse |
| **Specificity** | This assay has high sensitivity and excellent specificity for detection of human TPSB2. No significant cross-reactivity or interference between human TPSB2 and analogues was observed. |
| **Sequence Length** | 172 |
| **Samples** | Serum, Plasma, Tissue Homogenates |
| **Assay Type** | Quantitative Sandwich |
| **Detection Range** | 125 pg/ml-8000 pg/ml |
| **Sensitivity** | 31.25 pg/ml. |
| **Intra-assay Precision** | Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess |
| **Inter-assay Precision** | Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess. |
| **Preparation and Storage** | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions. |

## IMAGES

**Standard Curve (Sample)**

## ADDITIONAL INFORMATION

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| **Related Product Information for TPT1 elisa kit** | Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TPSB2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TPSB2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TPSB2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TPSB2 bound in the initial step. The color development is stopped and the intensity of the color is measured. |

## NCBI AND UNIPROT INFORMATION

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| **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; fortilin; translationally regulated transcript (21 kDa); 21 kDa polypeptide under translational control |
| **UniProt Protein Name** | Translationally-controlled tumor protein |
| **UniProt Gene Name** | **Tpt1** |
| **UniProt Synonym Gene Names** | Trt; TCTP |
| **UniProt Entry Name** | TCTP_MOUSE |

**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/tpt1-mouse-elisa-kits/tumor-protein-translationally-controlled-1/112326