

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

Human Translationally-controlled tumor protein, TPT1 ELISA Kit

CATALOG #
AAA18209

REACTIVITY
Human

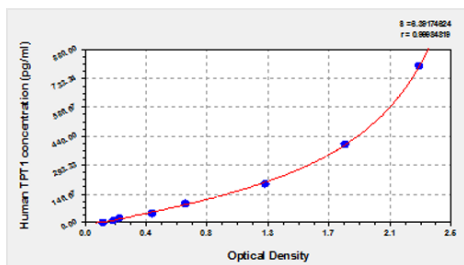
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human TPT1. No significant cross-reactivity or interference between human TPT1 and analogues was observed.
Sequence Length	172
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	12.5 pg/ml-800 pg/ml
Sensitivity	< 3.12 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

Related Product Information for TPT1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TPT1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TPT1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TPT1 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 TPT1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	555943820
NCBI GeneID	7178
NCBI Accession #	NP_001273202.1
NCBI GenBank Nucleotide #	NM_001286273.1
UniProt Accession #	P13693; Q6YLS2; Q7Z4J4; Q8TBK7; Q96EE2; Q9UC70; B2R7E5
Molecular Weight	19,595 Da
NCBI Official Full Name	translationally-controlled tumor protein isoform 3
NCBI Official Synonym Full Names	tumor protein, translationally-controlled 1
NCBI Official Symbol	TPT1
NCBI Official Synonym Symbols	HRF; p02; p23; TCTP
NCBI Protein Information	translationally-controlled tumor protein; fortilin; histamine-releasing factor
UniProt Protein Name	Translationally-controlled tumor protein
UniProt Gene Name	TPT1
UniProt Synonym Gene Names	TCTP; HRF
UniProt Entry Name	TCTP_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/tpt1-human-elisa-kits/tumor-protein-translationally-controlled-1/18209>