

Human Telomerase Associated Protein 1 (TEP1) ELISA Kit | TEP1 elisa kit

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CATALOG #
AAA67351

REACTIVITY
Human

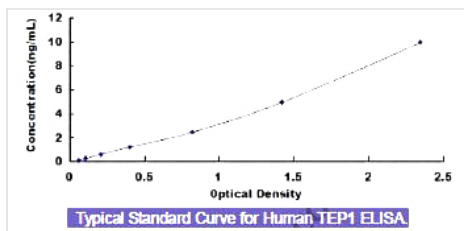
PRODUCT SYNONYMS

Telomerase Associated Protein 1 (TEP1); Human Telomerase Associated Protein 1 (TEP1) ELISA Kit; TLP1; TP1; TROVE1; VAULT2; p240; TROVE Domain Family Member 1; Telomerase protein component 1; p80 telomerase homolog; TEP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TEP1. No significant cross-reactivity or interference between TEP1 and analogues was observed.
Sequence Length	2627
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.046ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TEP1 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 TEP1 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 TEP1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TEP1 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TEP1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TEP1. 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 TEP1, 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 TEP1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21536371
NCBI GeneID	7011
NCBI Accession #	NP_009041.2
NCBI GenBank Nucleotide #	NM_007110.4
UniProt Accession #	Q99973; A0AUV9
Molecular Weight	289,578 Da
NCBI Official Full Name	telomerase protein component 1 isoform 1
NCBI Official Synonym Full Names	telomerase associated protein 1
NCBI Official Symbol	TEP1
NCBI Official Synonym Symbols	TP1; TLP1; p240; TROVE1; VAULT2
NCBI Protein Information	telomerase protein component 1
UniProt Protein Name	Telomerase protein component 1
UniProt Gene Name	TEP1
UniProt Synonym Gene Names	TLP1; TP1; Telomerase protein 1

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/telomerase-associated-protein-1-tep1/67351>