

Human Telomerase protein component 1 ELISA Kit | TEP1 elisa kit

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CATALOG #
AAA100865

REACTIVITY
Human

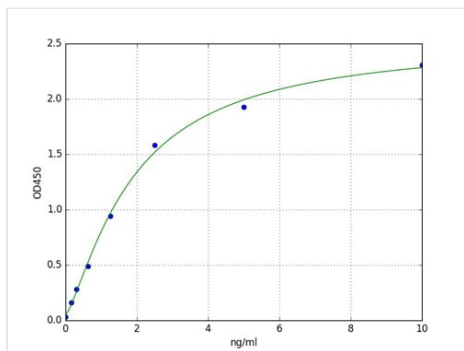
PRODUCT SYNONYMS

Telomerase protein component 1; Human Telomerase protein component 1 ELISA Kit; TEP1 (Telomerase protein component 1); TEP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	2627
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
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)

Typical Data & Standard Curve
Results of a typical standard run of a TEP1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.011	0.231	0.398	0.676	1.154	1.437	1.713	2.018

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TEP1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-TEP1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-TEP1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 TEP1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of TEP1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

21536371

NCBI GeneID	7011
NCBI Accession #	NP_009041.2
NCBI GenBank Nucleotide #	NM_007110.4
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
UniProt Entry Name	TEP1_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/tep1-human-elisa-kits/telomerase-protein-component-1/100865>