

Human Tubulin Polymerization Promoting Protein (TPPP) ELISA Kit | TPPP elisa kit

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CATALOG #
AAA66835

REACTIVITY
Human

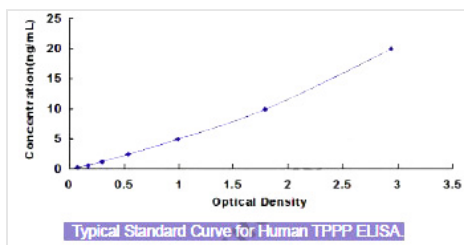
PRODUCT SYNONYMS

Tubulin Polymerization Promoting Protein (TPPP); Human Tubulin Polymerization Promoting Protein (TPPP) ELISA Kit; TPPP1; p25alpha; p25; TPPP/p25; Brain Specific Protein p25 Alpha; 25 kDa brain-specific protein; TPPP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TPPP. No significant cross-reactivity or interference between TPPP and analogues was observed.
Sequence Length	219
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.132ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TPPP were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
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 TPPP elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TPPP 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 TPPP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TPPP. 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 TPPP, 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 TPPP 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 #	5902018
NCBI GeneID	11076
NCBI Accession #	NP_008961.1
NCBI GenBank Nucleotide #	NM_007030.2
UniProt Accession #	O94811
Molecular Weight	23,694 Da
NCBI Official Full Name	tubulin polymerization-promoting protein
NCBI Official Synonym Full Names	tubulin polymerization promoting protein
NCBI Official Symbol	TPPP
NCBI Official Synonym Symbols	p24; p25; TPPP1; TPPP/p25; p25alpha
NCBI Protein Information	tubulin polymerization-promoting protein
UniProt Protein Name	Tubulin polymerization-promoting protein
UniProt Gene Name	TPPP
UniProt Synonym Gene Names	TPPP1; TPPP

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/human-elisa-kits/tubulin-polymerization-promoting-protein-tppp/66835>