

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

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CATALOG #
AAA332078

REACTIVITY
Mouse

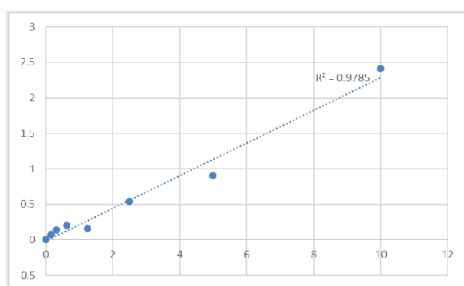
PRODUCT SYNONYMS

Tubulin Polymerization-Promoting Protein (TPPP); Mouse Tubulin Polymerization-Promoting Protein (TPPP) ELISA Kit; TPPP; TPPP/p25; TPPP1; p24; p25; p25alpha; brain specific protein p25 alpha; glycogen synthase kinase 3 (GSK3) inhibitor p24; tubulin polymerization-promoting protein; TPPP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Tubulin polymerization-promoting protein (TPPP) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TPPP. No significant cross-reactivity or interference between Mouse TPPP and analogues was observed.
Sequence Length	218
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse Tubulin polymerization-promoting protein (TPPP) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TPPP elisa kit	Description: This Mouse Tubulin polymerization-promoting protein (TPPP) ELISA Kit employs a two-site sandwich ELISA to quantitate TPPP in samples. An antibody specific for TPPP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TPPP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TPPP is added to the wells. After washing, Streptavidin 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 TPPP bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The novel basic, heat-stable tubulin polymerization promoting protein TPPP/p25 is associated with microtubules in vitro and can induce the formation of aberrant microtubule assemblies. Immunohistochemistry and confocal microscopy demonstrates that TPPP/p25 is enriched in filamentous alpha-synuclein bearing Lewy bodies of Parkinson's (PD) and diffuse Lewy body disease (DLBD), as well as glial inclusions of multiple system atrophy (MSA). There is a correlation between TPPP/p25 and alpha-synuclein immunoreactivity in Western blot. In contrast, TPPP/p25 is not associated with abnormally phosphorylated tau in various inclusions of Pick's disease (PiD), progressive supranuclear palsy (PSP), and corticobasal degeneration (CBD).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	33469051
NCBI GeneID	72948
NCBI Accession #	NP_878259.1
NCBI GenBank Nucleotide #	NP_878259.1
UniProt Accession #	Q7TQD2
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	A1849835; 2900041A09Rik
NCBI Protein Information	tubulin polymerization-promoting protein
UniProt Protein Name	Tubulin polymerization-promoting protein
UniProt Gene Name	Tppp
UniProt Synonym Gene Names	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.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/tubulin-polymerization-promoting-protein-tppp/332078>