

Monkey Tubulin Polymerization Promoting Protein ELISA Kit | TPPP elisa kit

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CATALOG #
AAA92704

REACTIVITY
Monkey

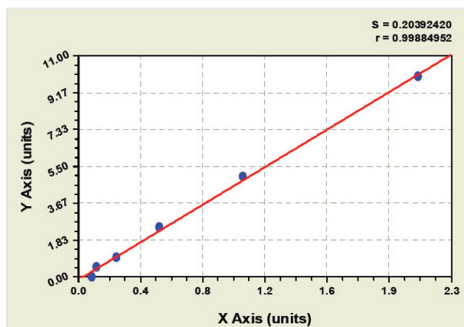
PRODUCT SYNONYMS

Tubulin Polymerization Promoting Protein; Monkey Tubulin Polymerization Promoting Protein ELISA Kit; TPPP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ug/mL
Sensitivity	0.1ug/mL
Intended Uses	This TPPP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey TPPP. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TPPP elisa kit

Principle of the Assay: TPPP ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for TPPP. Standards or samples are then added to the microtiter plate wells and TPPP if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of TPPP present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for TPPP are added to each well to "sandwich" the TPPP immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain TPPP and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TPPP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5902018
NCBI GeneID	11076
NCBI Accession #	NP_008961.1
NCBI GenBank Nucleotide #	NM_007030.2
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; p25-alpha; 25 kDa brain-specific protein; brain specific protein p25 alpha; glycogen synthase kinase 3 (GSK3) inhibitor p24
UniProt Protein Name	Tubulin polymerization-promoting protein
UniProt Gene Name	TPPP
UniProt Synonym Gene Names	TPPP1; TPPP
UniProt Entry Name	TPPP_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/tppp-monkey-elisa-kits/tubulin-polymerization-promoting-protein/92704>