

Rat Microtubule Associated Protein Tau ELISA Kit | MAPtau elisa kit

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CATALOG # AAA101157	REACTIVITY Rat
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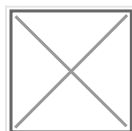
PRODUCT SYNONYMS

Microtubule Associated Protein Tau; Rat Microtubule Associated Protein Tau ELISA Kit; MAPtau ; MAPtau elisa kit

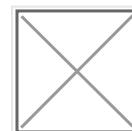
PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	758
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, cerebrospinal fluid?CSF?, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/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)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAPtau elisa kit	Principle of the Assay This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat MAPtau antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat MAPtau 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 Rat MAPtau amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration ofRat MAPtau can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	294862261
NCBI GeneID	4137
NCBI Accession #	NP_058519.3
NCBI GenBank Nucleotide #	NM_016835.4
Molecular Weight	80,941 Da

NCBI Official Full Name	microtubule-associated protein tau isoform 1
NCBI Official Synonym Full Names	microtubule associated protein tau
NCBI Official Symbol	MAPT
NCBI Official Synonym Symbols	TAU; MSTD; PPND; DDPAC; MAPTL; MTBT1; MTBT2; FTDP-17; PPP1R103
NCBI Protein Information	microtubule-associated protein tau
UniProt Protein Name	Microtubule-associated protein tau
UniProt Gene Name	MAPT
UniProt Synonym Gene Names	MAPTL; MTBT1; TAU; PHF-tau
UniProt Entry Name	TAU_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/maptau-rat-elisa-kits/microtubule-associated-protein-tau/101157>