

Human microtubule-associated protein tau ELISA Kit | MAPT elisa kit

Human Tau proteins ELISA Kit

CATALOG #
AAA79541

REACTIVITY
Human

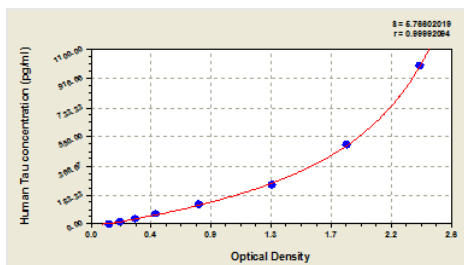
PRODUCT SYNONYMS

microtubule-associated protein tau; Human Tau proteins ELISA Kit; Human Tau proteins ELISA kit; DDPAC; FLJ31424; FTDP-17; MAPTL; MGC138549; MSTD; MTBT1; MTBT2; PPND; TAU; G protein beta1/gamma2 subunit-interacting factor 1; isoform 4; MAPT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of rat TAT. No significant cross-reactivity or interference between rat TAT and analogues was observed.
Sequence Length	776
Samples	Serum, Plasma, Cell Culture Supernates, Tissue Homogenates, Cell Lysates
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	7.8 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAPT elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TAT has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TAT present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TAT is added to the wells. After washing, avidin 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 TAT bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	294862258
NCBI GeneID	4137
NCBI Accession #	NP_001116538.2
NCBI GenBank Nucleotide #	NM_001123066.3
UniProt Accession #	P10636; P18518; Q14799; Q15549; Q15550; Q15551; Q1RMF6; Q53YB1; Q5CZ17; Q5XWFO; Q6QT54; Q9UDJ3
Molecular Weight	78,928 Da
NCBI Official Full Name	microtubule-associated protein tau isoform 6
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; PHF-tau; paired helical filament-tau; neurofibrillary tangle protein; microtubule-associated protein tau, isoform 4; protein phosphatase 1, regulatory subunit 103; G protein beta1/gamma2 subunit-interacting factor 1
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/mapt-human-elisa-kits/microtubule-associated-protein-tau/79541>