

Rat Microtubule Associated Protein Tau (MAPt) ELISA Kit | MAPt elisa kit

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CATALOG #
AAA120876

REACTIVITY
Rat

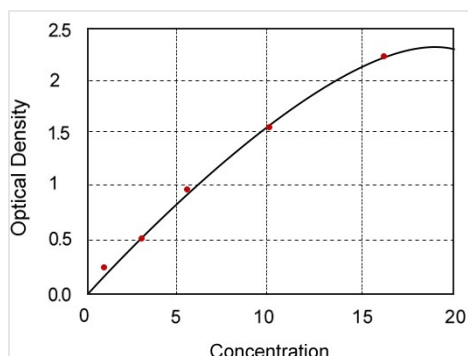
PRODUCT SYNONYMS

Microtubule Associated Protein Tau (MAPt); Rat Microtubule Associated Protein Tau (MAPt) ELISA Kit; MAPt elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	410
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L - 1500ng/L
Sensitivity	2.56ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAPt elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Microtubule Associated Protein Tau (also known as MAPt) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat MAPt antibody. MAPt present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat MAPt Antibody is added and binds to MAPt in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MAPt antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat MAPt. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	322303747
NCBI GeneID	4137
NCBI Accession #	NP_001190181.1
NCBI GenBank Nucleotide #	NM_001203252.1
UniProt Accession #	P10636; P18518; Q14799; Q15549; Q15550; Q15551; Q1RMF6; Q53YB1; Q5CZI7; Q5XWF0; Q6QT54; Q9UDJ3
Molecular Weight	36,760 Da
NCBI Official Full Name	microtubule-associated protein tau isoform 8
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

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/rat-elisa-kits/microtubule-associated-protein-tau-mapt/120876>