

Mouse Microtubule Associated Protein 1A (MAP1A) ELISA Kit | MAP1A elisa kit

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CATALOG # AAA63560	REACTIVITY Mouse
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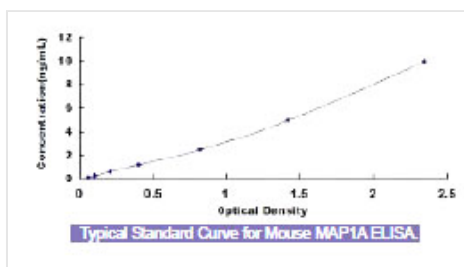
PRODUCT SYNONYMS

Microtubule Associated Protein 1A (MAP1A); Mouse Microtubule Associated Protein 1A (MAP1A) ELISA Kit; MAP-1A; MAP1-A; MAP1L; MTAP1A; Proliferation-related protein p80; MAP1A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of MAP1A. No significant cross-reactivity or interference between MAP1A and analogues was observed.
Sequence Length	2776
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.07ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MAP1A were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MAP1A were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAP1A elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MAP1A in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MAP1A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MAP1A. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MAP1A, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of MAP1A in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	291045426
NCBI GeneID	17754
NCBI Accession #	NP_001166977.1
NCBI GenBank Nucleotide #	NM_001173506.1
UniProt Accession #	Q9QYR6; Q3TQM8; Q3TUV8; Q3UHB7; Q9QZH9; Q9QZIO; Q9QZII; A2ARN9
Molecular Weight	324,586 Da
NCBI Official Full Name	microtubule-associated protein 1A isoform 2
NCBI Official Synonym Full Names	microtubule-associated protein 1 A
NCBI Official Symbol	Map1a
NCBI Official Synonym Symbols	Mtap1; moth1; Mtap-1; Mtap1a; AI853608; 6330416M19Rik
NCBI Protein Information	microtubule-associated protein 1A
UniProt Protein Name	Microtubule-associated protein 1A
UniProt Gene Name	Map1a
UniProt Synonym Gene Names	Mtap1; Mtap1a; MAP-1A

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/mouse-elisa-kits/microtubule-associated-protein-1a-map1a/63560>