

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

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CATALOG #
AAA331893

REACTIVITY
Human

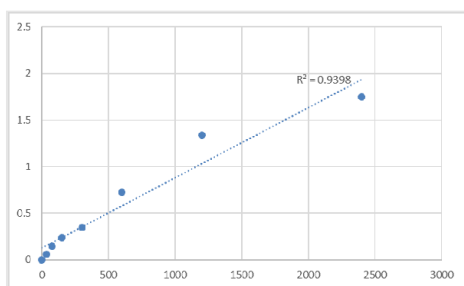
PRODUCT SYNONYMS

Microtubule-Associated Protein 1A (MAP1A); Human Microtubule-Associated Protein 1A (MAP1A) ELISA Kit; MAP1A; FLJ77111; MAP1L; MTAP1A; microtubule-associated protein 1-like; MAP1A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Microtubule-associated protein 1A (MAP1A) ELISA Kit has high sensitivity and excellent specificity for detection of Human MAP1A. No significant cross-reactivity or interference between Human MAP1A and analogues was observed.
Sequence Length	2803
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Microtubule-associated protein 1A (MAP1A) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MAP1A elisa kit	Description: This Human Microtubule-associated protein 1A (MAP1A) ELISA Kit employs a two-site sandwich ELISA to quantitate MAP1A in samples. An antibody specific for MAP1A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MAP1A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MAP1A is added to the wells. After washing, Streptavidin 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 MAP1A bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: These proteins have been divided into 2 main groups by molecular mass, high molecular weight MAPs, which include MAP1A, MAP1B, and MAP2, and another group of intermediate-sized proteins, which include the abundant tau MAPs. MAP1B, also named MAP5, is a component of long cross-bridges between microtubules and is a filamentous molecule with a small spherical segment at one end.Lien et al. (1994) completely cloned and sequenced the human MAP1B gene. By comparison of human MAP1B with sequence databases, they identified a MAP1B-related gene that is probably the human homolog of rat MAP1A. The human MAP2A gene is expressed at high levels in brain and spinal cord and at much lower levels in muscle.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	95147555
NCBI GeneID	4130
NCBI Accession #	NP_002364.5
NCBI GenBank Nucleotide #	NP_002364.5
UniProt Accession #	P78559
NCBI Official Full Name	microtubule-associated protein 1A
NCBI Official Synonym Full Names	microtubule associated protein 1A
NCBI Official Symbol	MAP1A
NCBI Official Synonym Symbols	MAP1L; MTAP1A
NCBI Protein Information	microtubule-associated protein 1A
UniProt Protein Name	Microtubule-associated protein 1A
UniProt Gene Name	MAP1A
UniProt Synonym Gene Names	MAP1L; 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/human-elisa-kits/microtubule-associated-protein-1a-map1a/331893>