

Human Microtubule-Associated Protein 1B (MAP1B) ELISA Kit | MAP1B elisa kit

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CATALOG #
AAA331892

REACTIVITY
Human

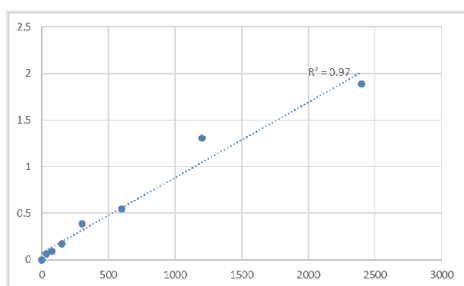
PRODUCT SYNONYMS

Microtubule-Associated Protein 1B (MAP1B); Human Microtubule-Associated Protein 1B (MAP1B) ELISA Kit; MAP1B; DKFZp686E1099; DKFZp686F1345; FLJ38954; FUTSCH; MAP5; MAP1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Microtubule-associated protein 1B (MAP1B) ELISA Kit has high sensitivity and excellent specificity for detection of Human MAP1B. No significant cross-reactivity or interference between Human MAP1B and analogues was observed.
Sequence Length	2468
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 1B (MAP1B) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MAP1B elisa kit	Description: This Human Microtubule-associated protein 1B (MAP1B) ELISA Kit employs a two-site sandwich ELISA to quantitate MAP1B in samples. An antibody specific for MAP1B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MAP1B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MAP1B 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 MAP1B bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MAP1B is a protein belongs to the microtubule-associated protein family. The proteins of this family are thought to be involved in microtubule assembly, which is an essential step in neurogenesis. The product of this gene is a precursor polypeptide that presumably undergoes proteolytic processing to generate the final MAP1B heavy chain and LC1 light chain. Gene knockout studies of the mouse microtubule-associated protein 1B gene suggested an important role in development and function of the nervous system. Two alternatively spliced transcript variants have been described. This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments and orthologous data.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	317373388
NCBI GeneID	4131
UniProt Accession #	P46821
NCBI Official Full Name	Microtubule-associated protein 1B
NCBI Official Synonym Full Names	microtubule associated protein 1B
NCBI Official Symbol	MAP1B
NCBI Official Synonym Symbols	MAP5; FUTSCH; PPP1R102
NCBI Protein Information	microtubule-associated protein 1B
UniProt Protein Name	Microtubule-associated protein 1B
UniProt Gene Name	MAP1B
UniProt Synonym Gene Names	MAP-1B
UniProt Entry Name	MAP1B_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/human-elisa-kits/microtubule-associated-protein-1b-map1b/331892>