

Human microtubule-associated protein 2 ELISA Kit | MAP2 elisa kit

Human microtubule-associated protein 2, MAP-2 ELISA Kit

CATALOG #
AAA15517

REACTIVITY
Human

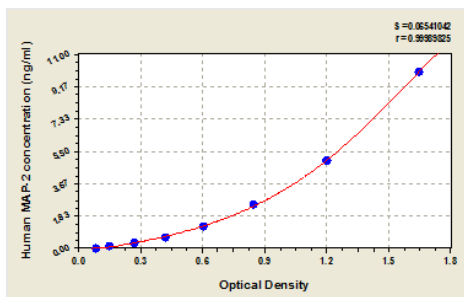
PRODUCT SYNONYMS

microtubule-associated protein 2; Human microtubule-associated protein 2; MAP-2 ELISA Kit; DKFZp686I2148; MAP2A; MAP2B; MAP2C; OTTHUMP00000163916; MAP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human MAP-2. No significant cross-reactivity or interference between human MAP-2 and analogues was observed.
Sequence Length	559
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	< 0.039 ng/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 MAP2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MAP-2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MAP-2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MAP-2 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 MAP-2 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 #	87578394
NCBI GeneID	4133
NCBI Accession #	NP_001034627.1
NCBI GenBank Nucleotide #	NM_001039538.1
UniProt Accession #	P11137; Q17S04; Q8IUX2; Q99975; Q99976
Molecular Weight	199,526 Da
NCBI Official Full Name	microtubule-associated protein 2 isoform 5
NCBI Official Synonym Full Names	microtubule-associated protein 2
NCBI Official Symbol	MAP2
NCBI Official Synonym Symbols	MAP2A; MAP2B; MAP2C
NCBI Protein Information	microtubule-associated protein 2; MAP-2
UniProt Protein Name	Microtubule-associated protein 2
UniProt Gene Name	MAP2
UniProt Synonym Gene Names	MAP-2
UniProt Entry Name	MTAP2_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/map2-human-elisa-kits/microtubule-associated-protein-2/15517>