

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

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

CATALOG #
AAA15620

REACTIVITY
Rat

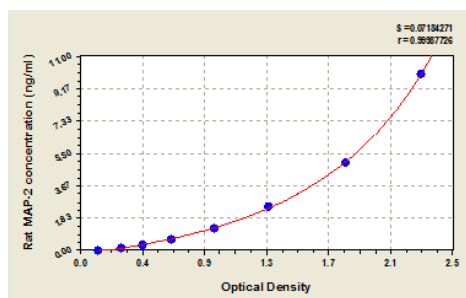
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat MAP-2. No significant cross-reactivity or interference between rat MAP-2 and analogues was observed.
Sequence Length	1,861
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	0.156 ng/ml -10 ng/ml.
Sensitivity	The minimum detectable dose of rat MAP-2 is typically less than 0.039 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	564368800
NCBI GeneID	25595
NCBI Accession #	XP_006245164.1
NCBI GenBank Nucleotide #	XM_006245102.1
UniProt Accession #	P15146
Molecular Weight	202,411 Da
NCBI Official Synonym Full Names	microtubule-associated protein 2
NCBI Official Symbol	Map2
NCBI Official Synonym Symbols	MAP2R; Mtap2
NCBI Protein Information	microtubule-associated protein 2
UniProt Protein Name	Microtubule-associated protein 2
UniProt Gene Name	Map2
UniProt Synonym Gene Names	Mtap2; MAP-2
UniProt Entry Name	MTAP2_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/map2-rat-elisa-kits/microtubule-associated-protein-2/15620>