

Rat Microtubule-associated Protein 2 ELISA Kit | MAP2 elisa kit

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CATALOG #
AAA122894

REACTIVITY
Rat

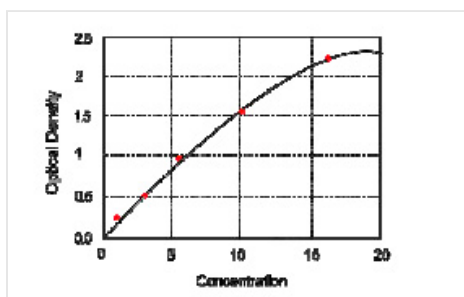
PRODUCT SYNONYMS

Microtubule-associated Protein 2; Rat Microtubule-associated Protein 2 ELISA Kit; MAP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1069
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	7ng/L-1500ng/L
Sensitivity	3.74ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAP2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Microtubule-actin Cross-linking Factor 1, Isoforms 1/2/3/5 (also known as MACF1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat MACF1 antibody. MACF1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat MACF1 Antibody is added and binds to MACF1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MACF1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat MACF1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	187381
NCBI GeneID	4133
NCBI Official Full Name	microtubule associated protein 2, partial
NCBI Official Synonym Full Names	microtubule associated protein 2
NCBI Official Symbol	MAP2
NCBI Official Synonym Symbols	MAP-2; MAP2A; MAP2B; MAP2C
NCBI Protein Information	microtubule-associated protein 2

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/rat-elisa-kits/microtubule-associated-protein-2/122894>