

Human Microtubule Associated Protein 4 (MAP4) ELISA Kit | MAP4 elisa kit

Human Microtubule Associated Protein 4 (MAP4) ELISA Kit

CATALOG #
AAA66830

REACTIVITY
Human

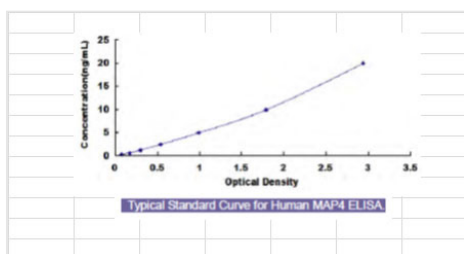
PRODUCT SYNONYMS

Microtubule Associated Protein 4 (MAP4); Human Microtubule Associated Protein 4 (MAP4) ELISA Kit; IVL; MAP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MAP4. No significant cross-reactivity or interference between MAP4 and analogues was observed.
Sequence Length	1135
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.101ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MAP4 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MAP4 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAP4 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MAP4 in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MAP4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MAP4. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MAP4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of MAP4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	197276600
NCBI GeneID	4134
NCBI Accession #	NP_001127836.1
NCBI GenBank Nucleotide #	NM_001134364.1
UniProt Accession #	P27816; Q13082; Q59FT2; Q68D74; Q6ZUW9; Q86V26; Q96A76; Q96NS9
Molecular Weight	10,441 Da
NCBI Official Full Name	microtubule-associated protein 4 isoform 4
NCBI Official Synonym Full Names	microtubule associated protein 4
NCBI Official Symbol	MAP4
NCBI Protein Information	microtubule-associated protein 4
UniProt Protein Name	Microtubule-associated protein 4
UniProt Gene Name	MAP4
UniProt Synonym Gene Names	MAP-4

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/human-elisa-kits/microtubule-associated-protein-4-map4/66830>