

Human Microtubule Associated Protein 1S (MAP1S) ELISA Kit | MAP1S elisa kit

Human Microtubule Associated Protein 1S (MAP1S)(Sandwich ELISA) ELISA Kit

CATALOG #
AAA152380

REACTIVITY
Human

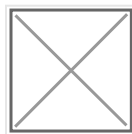
PRODUCT SYNONYMS

Microtubule Associated Protein 1S (MAP1S); Human Microtubule Associated Protein 1S (MAP1S)(Sandwich ELISA) ELISA Kit; ELISA Kit for Microtubule Associated Protein 1S (MAP1S); BPY2IP1; MAP8; VCY2IP-1; VCY2IP1; VCY2 Interacting Protein 1; BPY2 Interacting Protein 1; Microtubule-associated protein 8; Variable charge Y chromosome 2-interacting protein 1; MAP1S elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MAP1S. No significant cross-reactivity or interference between MAP1S and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.063ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MAP1S 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 MAP1S were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf-life: one year The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAP1S elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to MAP1S. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to MAP1S. 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 MAP1S, 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 MAP1S in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MAP1S in human tissue homogenates, cell lysates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	160410004
NCBI GeneID	55201
UniProt Accession #	Q66K74; Q27QB1; Q6NXF1; Q8N3L8; Q8N3W5; Q8NI88; Q96H94; Q96IT4; Q96SP8; Q9BRC6; Q9H928; B4DH53
Molecular Weight	1059
NCBI Official Full Name	Microtubule-associated protein 1S
NCBI Official Synonym Full Names	microtubule-associated protein 1S
NCBI Official Symbol	MAP1S
NCBI Official Synonym Symbols	MAP8; BPY2IP1; C19orf5; VCY2IP1; VCY2IP-1
NCBI Protein Information	microtubule-associated protein 1S; MAP-1S; BPY2 interacting protein 1; BPY2-interacting protein 1; VCY2 interacting protein 1; VCY2-interacting protein 1; microtubule-associated protein 8; variable charge Y chromosome 2-interacting protein 1
UniProt Protein Name	Microtubule-associated protein 1S
UniProt Gene Name	MAP1S
UniProt Synonym Gene Names	BPY2IP1; C19orf5; MAP8; VCY2IP1; MAP-1S; VCY2-interacting protein 1; VCY2IP-1
UniProt Entry Name	MAP1S_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-1s-map1s/152380>