Human microtubule-associated protein 1 light chain 3 beta ELISA Kit | MAP1LC3B elisa kit

Human Microtubule-associated proteins 1A/1B light chain 3B, MAP1LC3B ELISA Kit

CATALOG #	REACTIVITY
AAA18150	**Human**

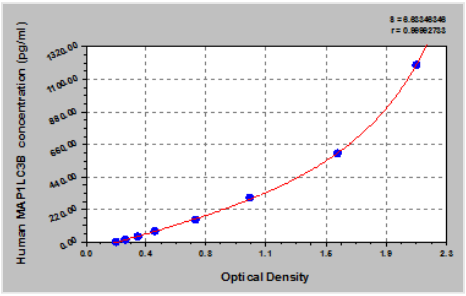
PRODUCT SYNONYMS

microtubule-associated protein 1 light chain 3 beta; Human Microtubule-associated proteins 1A/1B light chain 3B; MAP1LC3B ELISA Kit; Human Microtubule-associated proteins 1A/1B light chain 3B (MAP1LC3B) ELISA kit; LC3B; MAP1A/1BLC3; microtubule-associated proteins 1A/1B light chain 3; MAP1LC3B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human MAP1LC3B. No significant cross-reactivity or interference between human MAP1LC3B and analogues was observed.
Sequence Length	125
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	18.75 pg/ml-1200 pg/ml
Sensitivity	< 4.67 pg/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 MAP1LC3B elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MAP1LC3B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MAP1LC3B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MAP1LC3B 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 MAP1LC3B bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12383056
NCBI GeneID	81631
NCBI Accession #	NP_073729.1
NCBI GenBank Nucleotide #	NM_022818.4
UniProt Accession #	Q9GZQ8; Q6NW02
Molecular Weight	14,688 Da
NCBI Official Full Name	microtubule-associated proteins 1A/1B light chain 3B
NCBI Official Synonym Full Names	microtubule-associated protein 1 light chain 3 beta
NCBI Official Symbol	MAP1LC3B
NCBI Official Synonym Symbols	LC3B; ATG8F; MAP1LC3B-a; MAP1A/1BLC3
NCBI Protein Information	microtubule-associated proteins 1A/1B light chain 3B; MAP1A/MAP1B LC3 B; MAP1A/MAP1B light chain 3 B; MAP1 light chain 3-like protein 2; autophagy-related ubiquitin-like modifier LC3 B
UniProt Protein Name	Microtubule-associated proteins 1A/1B light chain 3B
UniProt Gene Name	**MAP1LC3B**
UniProt Synonym Gene Names	MAP1ALC3; MAP1A/MAP1B LC3 B
UniProt Entry Name	MLP3B_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://www.aaabiotech.com/map1lc3b-human-elisa-kits/microtubule-associated-protein-1-light-chain-3-beta/18150