

Human Microtubule-associated proteins 1A/1B light chain 3A ELISA Kit | MAP1LC3A elisa kit

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CATALOG # AAA98002	REACTIVITY Human
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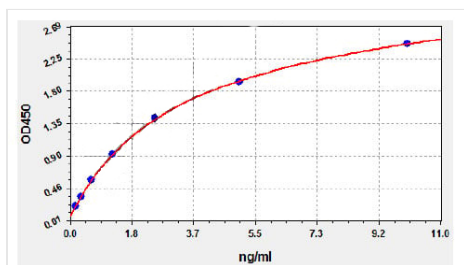
PRODUCT SYNONYMS

Microtubule-associated proteins 1A/1B light chain 3A; Human Microtubule-associated proteins 1A/1B light chain 3A ELISA Kit; MAP1LC3A/Apg8/APG8a/Apg8p3/ATG8E/MAP1ALC3/MLP3A/ATG8E/Autophagy-related protein LC3 A/Autophagy-related ubiquitin-like modifier LC3 A/LC3/LC3A/lc3-i; ii/MAP1A/1B light chain 3 A/MAP1ALC3MAP1A/MAP1B LC3 A/MAP1BLC3MAP1A/MAP1B light chain 3 A/microtubule-associated protein 1 light chain 3 alphaMAP1 light chain 3-like protein 1/microtubule-associated proteins 1A/1B light chain 3/microtubule-associated proteins 1A/1B light chain 3A; MAP1LC3A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MAP1LC3A. No significant cross-reactivity or interference between MAP1LC3A and analogues was observed.
Sequence Length	125
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	7.813-500pg/ml
Sensitivity	4.688pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAP1LC3A elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31563518
NCBI GeneID	84557
NCBI Accession #	NP_852610.1
NCBI GenBank Nucleotide #	NM_181509.2
Molecular Weight	14,493 Da
NCBI Official Full Name	microtubule-associated proteins 1A/1B light chain 3A isoform b
NCBI Official Synonym Full Names	microtubule associated protein 1 light chain 3 alpha
NCBI Official Symbol	MAP1LC3A
NCBI Official Synonym Symbols	LC3; LC3A; ATG8E; MAP1ALC3; MAP1BLC3
NCBI Protein Information	microtubule-associated proteins 1A/1B light chain 3A
UniProt Protein Name	Microtubule-associated proteins 1A/1B light chain 3A
UniProt Gene Name	MAP1LC3A
UniProt Synonym Gene Names	MAP1A/MAP1B LC3 A
UniProt Entry Name	MLP3A_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/map1lc3a-human-elisa-kits/microtubule-associated-proteins-1a-1b-light-chain-3a/98002>