

Human Macrophage Inflammatory Protein 3 Beta (MIP3b) ELISA Kit | MIP3b elisa kit

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CATALOG #
AAA137095

REACTIVITY
Human

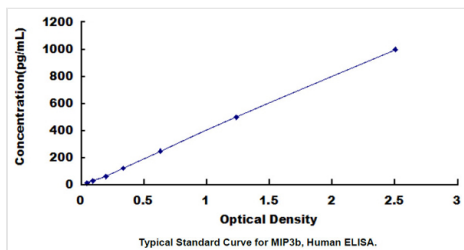
PRODUCT SYNONYMS

Macrophage Inflammatory Protein 3 Beta (MIP3b); Human Macrophage Inflammatory Protein 3 Beta (MIP3b) ELISA Kit; CCL19; CKb11; ELC; MIP3-B; SCYA19; Chemokine C-C-Motif Ligand 19; Beta Chemokine Exodus-3; CK Beta-11; EBI1-Ligand Chemokine; Small Inducible Cytokine Subfamily A19; MIP3b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MIP3b. No significant cross-reactivity or interference between MIP3b and analogues was observed.
Sequence Length	98
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	< 6.2pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MIP3b 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 MIP3b were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	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 MIP3b elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to MIP3b. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to MIP3b. 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 MIP3b, 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 MIP3b 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 MIP3b in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for MIP3b elisa kit	Cytokine; Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	1791003
NCBI GeneID	6363
UniProt Accession #	Q99731; O00697; O00736
Molecular Weight	10,993 Da
NCBI Official Full Name	macrophage inflammatory protein 3 beta
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 19
NCBI Official Symbol	CCL19
NCBI Official Synonym Symbols	ELC; CKb11; MIP3B; MIP-3b; SCYA19
NCBI Protein Information	C-C motif chemokine 19
UniProt Protein Name	C-C motif chemokine 19
UniProt Gene Name	CCL19
UniProt Synonym Gene Names	ELC; MIP3B; SCYA19; EBI1 ligand chemokine; ELC; MIP-3-beta
UniProt Entry Name	CCL19_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/macrophage-inflammatory-protein-3-beta-mip3b/137095>