

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

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CATALOG #
AAA64415

REACTIVITY
Rat

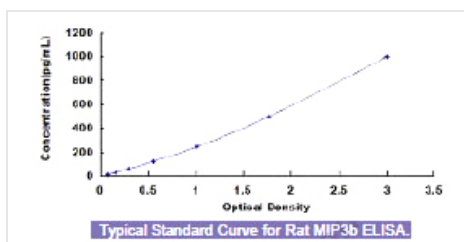
PRODUCT SYNONYMS

Macrophage Inflammatory Protein 3 Beta (MIP3b); Rat 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	Rat
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	108
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	6.6pg/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	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 MIP3b elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MIP3b in rat serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MIP3b. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157821837
NCBI GeneID	362506
NCBI Accession #	NP_001102131.1
NCBI GenBank Nucleotide #	NM_001108661.1
UniProt Accession #	D3ZI84
Molecular Weight	11,763 Da
NCBI Official Full Name	C-C motif chemokine 19
NCBI Official Synonym Full Names	C-C motif chemokine ligand 19
NCBI Official Symbol	Ccl19
NCBI Protein Information	C-C motif chemokine 19
UniProt Protein Name	C-C motif chemokine
UniProt Gene Name	Ccl19

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.