

Mouse CCL19/MIP-3 beta PicoKine ELISA Kit | Ccl19 elisa kit

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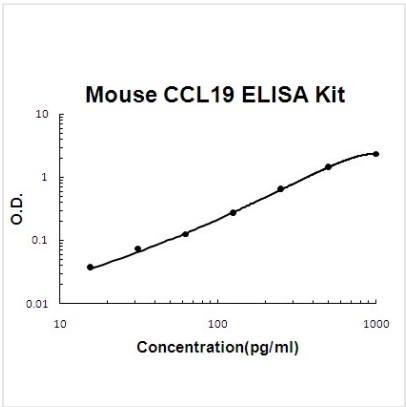
CATALOG # AAA46151	REACTIVITY Mouse
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PRODUCT SYNONYMS

CCL19/MIP-3 beta PicoKine; Mouse CCL19/MIP-3 beta PicoKine ELISA Kit; C-C motif chemokine 19; Beta chemokine exodus 3; Beta-chemokine exodus-3; C C chemokine ligand 19; CC chemokine ligand 19; CCL19; CCL19_HUMAN; Chemokine (C C motif) ligand 19; Chemokine (CC motif) ligand 19; Chemokine CC Motif Ligand 19; CK beta 11; CK beta-11; CKb11; EBI1 ligand chemokine; ELC; Epstein-Barr virus-induced molecule 1 ligand chemokine; Exodus 3; Macrophage inflammatory protein 3 beta; MGC34433; MIP 3 beta; MIP-3-beta; MIP-3B; MIP3 beta; MIP3B; OTTHUMP00000000531; SCYA19; Small inducible cytokine A19; Small-inducible cytokine A19; chemokine (C-C motif) ligand 19; Ccl19 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse CCL19
Sequence Length	108
Assay Range	15.6pg/ml-1000pg/ml
Sensitivity	<10pg/ml
Sample	For quantitative detection of mouse CCL19 in cell culture supernates, serum and plasma(heparin, EDTA).
Immunogen	E Coli, G26-S108
Assay Procedure Step 1	Aliquot 0.1ml per well of the 1000pg/ml, 500pg/ml, 250pg/ml, 125pg/ml, 62.5pg/ml, 31.3pg/ml, 15.6pg/ml mouse CCL19 standard solutions into the pre-coated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of mouse cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. We recommend that each mouse CCL19 standard solution and each sample is measured in duplicate.
Intra-Assay Precision	Inter-Assay Precision Sample 1 2 3 1 2 3 n 16 16 16 24 24 24 Mean(pg/ml) 91 286 592 105 379 645 Standard deviation 3.82 14.30 34.93 6.51 28.05 52.25 CV(%) 4.2 5.0 5.9 6.2 7.4 8.1
Sample Data	Concentration(pg/ml) 0 15.6 31.2 62.5 125 250 500 1000 O.D. 0.011 0.037 0.073 0.122 0.270 0.644 1.442 2.317
Anticoagulant	Heparin or EDTA
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.



Standard Curve (Sample)
Mouse CCL19 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for Ccl19 elisa kit	Principle of the assay: Mouse CCL19 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for CCL19 has been precoated onto 96-well plates. Standards(Expression system for standard: E Coli, Immunogen sequence: G26-S108) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CCL19 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was 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 mouse CCL19 amount of sample captured in plate. Background: Chemokine(C-C motif) ligand 19 (CCL19) is a small cytokine belonging to the CC chemokine family that is also known as EBI1 ligand chemokine (ELC) and macrophage inflammatory protein-3-beta (MIP-3-beta). Using PCR of human-rodent hybrids, the CCL19 gene was mapped to human chromosome 9p13, and the CCL19 gene is not part of the CC chemokine gene cluster on chromosome 17. The cytokine encoded by this gene may play a role in normal lymphocyte recirculation and homing. It also plays an important role in trafficking of T cells in thymus, and in T cell and B cell migration to secondary lymphoid organs.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6755422
NCBI GeneID	24047
NCBI Accession #	NP_036018.1
NCBI GenBank Nucleotide #	NM_011888.2
UniProt Accession #	O70460
Molecular Weight	11,911 Da
NCBI Official Full Name	C-C motif chemokine 19
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 19
NCBI Official Symbol	Ccl19
NCBI Official Synonym Symbols	ELC; CKb11; MIP3B; Scya19; exodus-3
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; Scya19; EBI1 ligand chemokine; ELC
UniProt Entry Name	CCL19_MOUSE

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/mouse-elisa-kits/cc119-mip-3-beta-picokine/46151>