

Human CCL19/MIP-3 beta ELISA Kit | CCL19 elisa kit

Human CCL19/MIP-3 beta PicoKine ELISA Kit

CATALOG #
AAA45551

REACTIVITY
Human

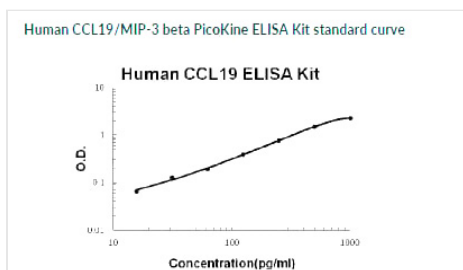
PRODUCT SYNONYMS

CCL19/MIP-3 beta; Human CCL19/MIP-3 beta PicoKine ELISA Kit; C-C motif chemokine 19; chemokine (C-C motif) ligand 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; MIP3BOTTHUMP00000000531; SCYA19; Small inducible cytokine A19; Small-inducible cytokine A19; CCL19 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human CCL19
Sequence Length	98
Samples	Cell culture supernates, cell lysates, serum and plasma (heparin, EDTA)
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCL19 elisa kit	Principle of the Assay: The Picokine™ Human CCL19 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human CCL19 with a 96-well strip plate that is pre-coated with antibody specific for CCL19. The detection antibody is a biotinylated antibody specific for CCL19. The capture antibody is monoclonal antibody from mouse, the detection antibody is polyclonal antibody from goat. The kit contains recombinant Human CCL19 with immunogen: Expression system for standard: E.coli; Immunogen sequence: G22-S98. The kit is analytically validated with ready to use reagents. To measure Human CCL19, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Human CCL19 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human CCL19 in the sample.!!Background/Introduction: 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 map 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 #	74748724
NCBI GeneID	6363
UniProt Accession #	Q6IBD6; Q99731
Molecular Weight	10,993 Da
NCBI Official Full Name	CCL19 protein (Chemokine (C-C motif) ligand 19)
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; exodus-3; CK beta-11; MIP-3-beta; EBI1 ligand chemokine; EBI1-ligand chemokine; CC chemokine ligand 19; beta chemokine exodus-3; beta-chemokine exodus-3; small-inducible cytokine A19; macrophage inflammatory protein 3 beta; macrophage inflammatory protein 3-beta; epstein-Barr virus-induced molecule 1 ligand chemokine; small inducible cytokine subfamily A (Cys-Cys), member 19
UniProt Protein Name	C-C motif chemokine
UniProt Gene Name	CCL19
UniProt Entry Name	Q6IBD6_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/ccl19-mip-3-beta/45551>