

Mouse MIP-3 alpha/CCL20 ELISA Kit | CCL20 elisa kit

Mouse MIP-3 alpha/CCL20 PicoKine ELISA Kit

CATALOG #
AAA46006

REACTIVITY
Mouse

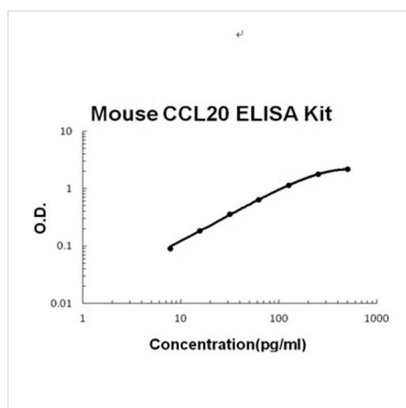
PRODUCT SYNONYMS

MIP-3 alpha/CCL20; Mouse MIP-3 alpha/CCL20 PicoKine ELISA Kit; C-C motif chemokine 20; chemokine (C-C motif) ligand 20; Beta chemokine exodus 1; Beta-chemokine exodus-1; C C motif chemokine 20; CC chemokine LARC; Ccl20; CCL20(2-70); CCL20_HUMAN; Chemokine (C C motif) ligand 20; CKb4; Exodus 1; LARC; Liver and activation regulated chemokine; Liver and activation-regulated chemokine; Macrophage inflammatory protein 3 alpha; MIP 3 alpha; MIP 3a; MIP-3-alpha; MIP3 alpha; MIP3A; MIP3alpha; SCYA20; Small inducible cytokine A20; Small inducible cytokine subfamily A (Cys Cys) member 20; Small-inducible cytokine A20; ST38; CCL20 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse CCL20
Sequence Length	97
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	7.8pg/ml-500pg/ml
Sensitivity	< 1pg/ml
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)

Mouse MIP-3 alpha/CCL20 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CCL20 elisa kit	Principle of the assay: mouse CCL20 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for CCL20 has been precoated onto 96-well plates. Standards(E.coli, A28-M97) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CCL20 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 CCL20 amount of sample captured in plate. Background: Macrophage Inflammatory Protein 3alpha (MIP3alpha), also called Chemokine, cc motif, ligand 20 (CCL20). The MIP-3alpha/CCL20 gene was cloned and sequenced, revealing a four exon, three intron structure, and was localized by FISH analysis to 2q35-q36. MIP3alpha is predominantly expressed in lymph nodes, appendix, PBL, fetal liver, fetal lung and several cell lines. MIP3alpha/CCL20 and its receptor CCR6 are markedly up-regulated in psoriasis, and they may play a role in the recruitment of T cells to lesional psoriatic skin. And Alanine MIP-3alpha and Serine MIP-3alpha, the two forms of MIP3alpha, that differ by one amino acid at the predicted signal peptide cleavage site. Both of them were chemically synthesized and tested for biological activity. And both flu antigen plus IL-2-activated CD4(+) and CD8(+) T lymphoblasts and cord blood-derived dendritic cells responded to Ser and Ala MIP-3alpha.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6094384
NCBI GeneID	20297
UniProt Accession #	O89093; Q9Z1X3
Molecular Weight	10,755 Da
NCBI Official Full Name	C-C motif chemokine 20
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 20
NCBI Official Symbol	Ccl20
NCBI Official Synonym Symbols	CKb4; LARC; ST38; MIP3A; MIP-3A; Scya20; MIP-3[a]; exodus-1
NCBI Protein Information	C-C motif chemokine 20; MIP-3-alpha; CC chemokine LARC; CC chemokine ST38; beta chemokine exodus-1; beta-chemokine exodus-1; small-inducible cytokine A20; small inducible cytokine subfamily A20; macrophage inflammatory protein 3 alpha; liver and activation-regulated chemokine
UniProt Protein Name	C-C motif chemokine 20
UniProt Gene Name	Ccl20
UniProt Synonym Gene Names	Larc; Scya20; MIP-3-alpha
UniProt Entry Name	CCL20_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.