

## Human CCL23/MIPF-1 ELISA Kit | CCL23 elisa kit

Human CCL23/MIPF-1 PicoKine ELISA Kit

CATALOG #  
**AAA45828**

REACTIVITY  
**Human**

### PRODUCT SYNONYMS

CCL23/MIPF-1; Human CCL23/MIPF-1 PicoKine ELISA Kit; C-C motif chemokine 23; chemokine (C-C motif) ligand 23; C C motif chemokine 23; C6 beta chemokine; CCL23; CCL23(30-99); CCL23\_HUMAN; Chemokine (C C motif) ligand 23; CK beta 8; CK-beta-8; CKB 8; Ckb 8 1; CKB-8; CKb8; Hmrp 2a; Macrophage inflammatory protein 3; MIP 3; MIP-3; MIP3; MIPF 1; MIPF-1; MIPF1; Myeloid progenitor inhibitory factor 1; SCYA23; Small inducible cytokine A23; Small inducible cytokine subfamily A (Cys Cys) member 23; Small-inducible cytokine A23; CCL23 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                 |
| Specificity             | Natural and recombinant human CCL23                                                                                                                   |
| Sequence Length         | 120                                                                                                                                                   |
| Samples                 | Cell culture supernates, serum and plasma (heparin, EDTA)                                                                                             |
| Assay Type              | Sandwich                                                                                                                                              |
| Detection Range         | 31.2pg/ml-2000pg/ml                                                                                                                                   |
| Sensitivity             | < 2pg/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 between 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)

Human CCL23/MIPF-1 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| Related Product Information for CCL23 elisa kit | <p><b>Principle of the assay:</b> human CCL23 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for CCL23 has been precoated onto 96-well plates. Standards(E.coli, R22-N120) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CCL23 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 human CCL23 amount of sample captured in plate.</p> <p><b>Background:</b> Chemokine (C-C motif) ligand 23 (CCL23), also known as MIP-3 and MPIF-1, is a small cytokine belonging to the CC chemokine family. It is mapped to 17q12. CCL23 is predominantly expressed in lung and liver tissue, but is also found in placenta, bone marrow and some cell lines of myeloid origin. MPIF1 has chemotactic activity on resting T lymphocytes and monocytes, lower activity on neutrophils. It has also been attributed to an inhibitory activity on hematopoietic progenitor cells that give rise to granulocyte and monocyte lineages. Moreover, CCL23 is a ligand for the chemokine receptor CCR1.</p> |
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NCBI AND UNIPROT INFORMATION

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|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 308153623                                                                                                                                                                       |
| NCBI GeneID                      | 6368                                                                                                                                                                            |
| UniProt Accession #              | P55773; O00174; O75950; Q52LD4; B7ZKQ3                                                                                                                                          |
| Molecular Weight                 | 15,290 Da                                                                                                                                                                       |
| NCBI Official Full Name          | C-C motif chemokine 23                                                                                                                                                          |
| NCBI Official Synonym Full Names | chemokine (C-C motif) ligand 23                                                                                                                                                 |
| NCBI Official Symbol             | CCL23                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | CKb8; MIP3; Ckb-8; MIP-3; MPIF-1; SCYA23; Ckb-8-1; hmrb-2a; CK-BETA-8                                                                                                           |
| NCBI Protein Information         | C-C motif chemokine 23; C6 beta-chemokine; macrophage inflammatory protein 3; myeloid progenitor inhibitory factor 1; small inducible cytokine subfamily A (Cys-Cys), member 23 |
| UniProt Protein Name             | C-C motif chemokine 23                                                                                                                                                          |
| UniProt Gene Name                | CCL23                                                                                                                                                                           |
| UniProt Synonym Gene Names       | MIP3; MPIF1; SCYA23; CKB-8; MIP-3; MPIF-1                                                                                                                                       |
| UniProt Entry Name               | CCL23_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/ccl23-mpif-1/45828>