

## Mouse CCL8/MCP2 ELISA Kit | CCL8 elisa kit

Mouse CCL8/MCP2 PicoKine ELISA Kit

CATALOG #  
**AAA11620**

REACTIVITY  
**Mouse**

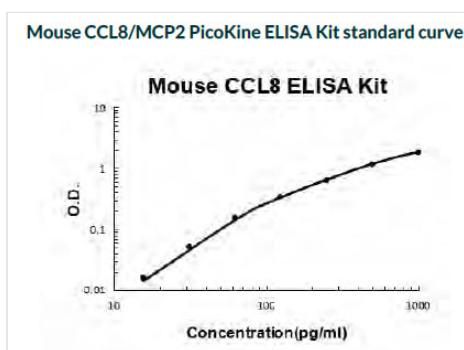
### PRODUCT SYNONYMS

CCL8/MCP2; Mouse CCL8/MCP2 PicoKine ELISA Kit; C-C motif chemokine 8; chemokine (C-C motif) ligand 8; C C motif chemokine 8; CCL 8; Ccl8; CCL8\_HUMAN; Chemokine (C C motif) ligand 8; Chemokine ligand 8; HC14; MCP 2; MCP-2; MCP-2(6-76); Monocyte chemoattractant protein 2; Monocyte chemotactic protein 2; SCYA10; SCYA8; Small inducible cytokine A8; Small inducible cytokine subfamily A (Cys Cys) member 8; Small-inducible cytokine A8; CCL8 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                 |
| Specificity             | Natural and recombinant Mouse Ccl8                                                                                                                    |
| Sequence Length         | 97                                                                                                                                                    |
| Samples                 | Cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA)                                                                             |
| Detection Range         | 15.6 pg/ml - 1,000 pg/ml                                                                                                                              |
| Sensitivity             | <10 pg/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

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| Related Product Information for CCL8 elisa kit | <p>Background: Chemokine (C-C motif) ligand 8, also known as monocyte chemoattractant protein 2 (MCP-2), is a protein that in humans is encoded by the CCL8 gene. CCL8 is a small cytokine belonging to the CC chemokine family. The CCL8 protein is produced as a precursor containing 109 amino acids, which is cleaved to produce mature CCL8 containing 75 amino acids. The gene for CCL8 is encoded by 3 exons and is located within a large cluster of CC chemokines on chromosome 17q11.2 in humans. Monocyte chemotactic protein 2 (MCP-2) is a CC chemokine that utilizes multiple cellular receptors to attract and activate human leukocytes.</p> <p>Principle of the Assay: The Picokine™ Mouse Ccl8 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Mouse Ccl8 with a 96-well strip plate that is pre-coated with antibody specific for Ccl8. The detection antibody is a biotinylated antibody specific for Ccl8. The capture antibody is monoclonal antibody from rat and the detection antibody is polyclonal antibody from goat. The kit includes Mouse Ccl8 protein as standards. To measure Mouse Ccl8, 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 an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product at 450nm is linearly proportional to Mouse Ccl8 in the sample. Read the absorbance 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 Mouse Ccl8 in the sample.</p> |
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NCBI AND UNIPROT INFORMATION

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|----------------------------|----------------------------|
| NCBI GI #                  | 13431906                   |
| NCBI GeneID                | 102641794                  |
| UniProt Accession #        | Q9Z121                     |
| Molecular Weight           | 11,017 Da                  |
| NCBI Official Full Name    | C-C motif chemokine 8      |
| NCBI Official Symbol       | LOC102641794               |
| NCBI Protein Information   | c-C motif chemokine 8-like |
| UniProt Protein Name       | C-C motif chemokine 8      |
| UniProt Gene Name          | Ccl8                       |
| UniProt Synonym Gene Names | Mcp2; Scya8; MCP-2         |
| UniProt Entry Name         | CCL8_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/ccl8-mcp2/11620>