

## Human monocyte chemotactic protein 4, MCP-4 ELISA Kit | MCP-4 elisa kit

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CATALOG #  
**AAA41877**

REACTIVITY  
**Human**

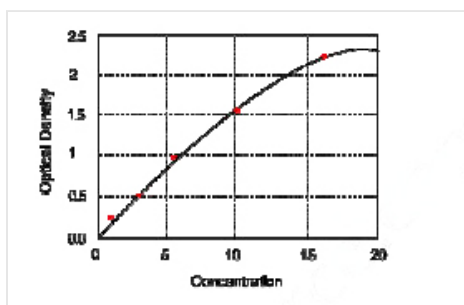
### PRODUCT SYNONYMS

monocyte chemotactic protein 4; MCP-4; Human monocyte chemotactic protein 4; MCP-4 ELISA Kit; MCP-4 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                            |
| Sequence Length         | 98                                                                                                                                                                                               |
| Samples                 | Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates                                                                                                                         |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Detection Range         | 5ng/L-1000ng/L                                                                                                                                                                                   |
| Sensitivity             | 3.07ng/L                                                                                                                                                                                         |
| 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. Intra-Assay: CV<8%                              |
| Inter-assay Precision   | Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10% |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                                                                                                                                           |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for MCP-4 elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of human Monocyte Chemotactic Protein 3 (also known as MCP-3) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principle of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human MCP-3 antibody. MCP-3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human MCP-3 Antibody is added and binds to MCP-3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MCP-3 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human MCP-3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                          |
|----------------------------------|------------------------------------------|
| NCBI GI #                        | 4097421                                  |
| NCBI GeneID                      | 6357                                     |
| Molecular Weight                 | 10,986 Da                                |
| NCBI Official Full Name          | monocyte chemotactic protein-4           |
| NCBI Official Synonym Full Names | C-C motif chemokine ligand 13            |
| NCBI Official Symbol             | CCL13                                    |
| NCBI Official Synonym Symbols    | NCC1; CKb10; MCP-4; NCC-1; SCYL1; SCYA13 |
| NCBI Protein Information         | C-C motif chemokine 13                   |
| UniProt Protein Name             | C-C motif chemokine 13                   |
| UniProt Gene Name                | CCL13                                    |
| UniProt Synonym Gene Names       | MCP4; NCC1; SCYA13; MCP-4                |

**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/monocyte-chemotactic-protein-4-mcp-4/41877>