

# Product Datasheet

## Mouse CCL2/MCP1 ELISA Kit (Colorimetric) NBP1-92659

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

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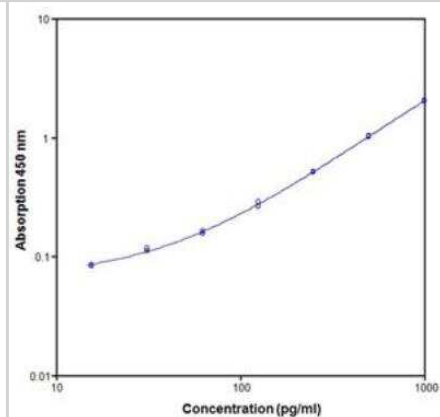
**NBP1-92659****Mouse CCL2/MCP1 ELISA Kit (Colorimetric)**

| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 96 Tests   |
| <b>Concentration</b>               | Concentration is not relevant for this product. Please see the protocols for proper use of this product.   |
| <b>Storage</b>                     | Storage of components varies. See protocol for specific instructions.  |
| <b>Product Description</b>         |  |
| <b>Description</b>                 | The mouse MCP-1 ELISA is an enzyme-linked immunosorbent assay for the quantitative detection of mouse MCP-1  |
| <b>Gene ID</b>                     | 6347   |
| <b>Gene Symbol</b>                 | CCL2   |
| <b>Species</b>                     | Mouse  |
| <b>Specificity/Sensitivity</b>     | The assay detects both natural and recombinant mouse MCP-1. The interference of circulating factors of the immune system was evaluated by spiking these proteins at physiologically relevant concentrations into a mouse MCP-1 positive serum. There was no crossreactivity detected, notably not with TCA3 and MIP-1 beta.  |
| <b>Kit Components</b>              | Aluminium pouch(es) with a Microwell Plate coated with monoclonal antibody to mouse MCP-1, Biotin-Conjugate anti-mouse MCP-1 monoclonal antibody, Streptavidin-HRP, Mouse MCP-1 Standard lyophilized, 2 ng/ml upon reconstitution, Sample Diluent, Assay Buffer Concentrate 20x (PBS with 1% Tween 20 and 10% BSA), Wash Buffer Concentrate 20x (PBS with 1% Tween 20), Substrate Solution (tetramethyl-benzidine), Stop Solution (1M Phosphoric acid), Adhesive Films |
| <b>Standard Curve Range</b>        | 15.6 - 1,000 pg/mL   |
| <b>Sensitivity</b>                 | 2.2 pg/mL  |
| <b>Inter Assay</b>                 | CV% < 5.60%  |
| <b>Intra Assay</b>                 | CV% < 6.20%  |
| <b>Assay Type</b>                  | Sandwich ELISA   |
| <b>Spiking Recovery</b>            | The recovery ranged from 80% to 111% with an overall mean recovery of 98%. Please see protocol for more specific Spike Recovery details.   |
| <b>Suitable Sample Type</b>        | Cell culture supernatant, serum  |
| <b>Sample Volume</b>               | 50 uL  |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | ELISA  |
| <b>Recommended Dilutions</b>       | ELISA  |



## Images

Mouse CCL2/MCP1 ELISA Kit [NBP1-92659] - Data for Mouse MCP-1 Platinum ELISA





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### **Products Related to NBP1-92659**

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|                |                                     |
|----------------|-------------------------------------|
| NBP2-34957-5ug | Recombinant Human CCL2/MCP1 Protein |
| 210-TA-005     | TNF-alpha [Unconjugated]            |
| NBP2-22115     | CCL2/MCP1 Antibody (2D8) - BSA Free |
| DVE00          | VEGF [HRP]                          |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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