

ARG80209 Mouse MDC ELISA Kit

Package: 96 wells
Store at: 4°C

Component

| Cat. No. | Component Name | Package | Temp |
|--------------|---------------------------------|---------------|---|
| ARG80209-001 | Antibody-coated microplate | 8 X 12 strips | 4°C. Unused strips should be sealed tightly in the air-tight pouch. |
| ARG80209-002 | Standard (Lyophilized) | 3 X 1 ng/vial | 4°C |
| ARG80209-003 | Standard diluent buffer | 20 ml | 4°C |
| ARG80209-004 | Antibody conjugate concentrate | 400 µl | 4°C |
| ARG80209-005 | Antibody diluent buffer | 16 ml | 4°C |
| ARG80209-006 | HRP-Streptavidin concentrate | 400 µl | 4°C (Protect from light) |
| ARG80209-007 | HRP-Streptavidin diluent buffer | 16 ml | 4°C |
| ARG80209-008 | 20X Wash buffer | 50 ml | 4°C |
| ARG80209-009 | TMB substrate | 12ml | 4°C (Protect from light) |
| ARG80209-010 | STOP solution | 12ml | 4°C |
| ARG80209-011 | Plate sealer | 4 strips | Room temperature |

Summary

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| Product Description | ARG80209 Mouse MDC ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse MDC in Serum, Plasma, Cell culture supernatants. |
| Tested Reactivity | Ms |
| Tested Application | ELISA |
| Specificity | No significant cross-reactivity or interference with Mouse C-10,CTACK,Eotaxin,Exodus-2,KC, JE,MCP-2,,MCP-3,MIP-1 alpha, RANTES |
| Target Name | CCL22 / MDC |
| Conjugation | HRP |
| Conjugation Note | Substrate: TMB and read at 450 nm |
| Sensitivity | 0.78 pg/ml |
| Sample Type | Serum, Plasma, Cell culture supernatants |
| Standard Range | 1.56 - 100 pg/ml |

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|-----------------|---|
| Sample Volume | 100 µl |
| Precision | CV: less than 10% |
| Alternate Names | CC chemokine STCP-1; Stimulated T-cell chemotactic protein 1; 3-69; Macrophage-derived chemokine; MDC; DC/B-CK; SCYA22; Small-inducible cytokine A22; ABCD-1; 7-69; 1-69; A-152E5.1; STCP-1; 5-69; C-C motif chemokine 22 |

Application Instructions

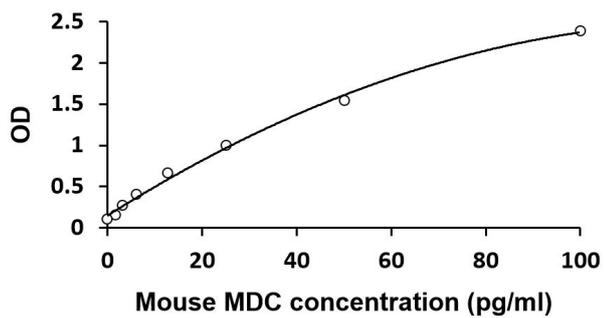
| | |
|------------|---------|
| Assay Time | 4 hours |
|------------|---------|

Properties

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| Form | 96 well |
| Storage instruction | Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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|----------------|---|
| Database links | GeneID: 20299 Mouse Swiss-port # O88430 Mouse |
| Gene Symbol | Ccl22 |
| Gene Full Name | chemokine (C-C motif) ligand 22 |
| Background | <p>This gene is one of several Cys-Cys (CC) cytokine genes clustered on the q arm of chromosome 16. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for monocytes, dendritic cells, natural killer cells and for chronically activated T lymphocytes. It also displays a mild activity for primary activated T lymphocytes and has no chemoattractant activity for neutrophils, eosinophils and resting T lymphocytes. The product of this gene binds to chemokine receptor CCR4. This chemokine may play a role in the trafficking of activated T lymphocytes to inflammatory sites and other aspects of activated T lymphocyte physiology. [provided by RefSeq]</p> |
| Highlight | <p>Related products: CCL22 antibodies; CCL22 ELISA Kits; New ELISA data calculation tool: Simplify the ELISA analysis by GainData</p> |
| Research Area | Immune System kit |
| PTM | The N-terminal processed forms MDC(3-69), MDC(5-69) and MDC(7-69) are produced by proteolytic cleavage after secretion from monocyte derived dendrocytes. |



ARG80209 Mouse MDC ELISA Kit standard curve image

ARG80209 Mouse MDC ELISA Kit results of a typical standard run with optical density reading at 450 nm.