

ARG81505 Human CL15 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

| Cat. No. | Component Name | Package | Temp |
|--------------|---------------------------------------|----------------------|---|
| ARG81505-001 | Antibody-coated microplate | 8 X 12 strips | 4°C. Unused strips should be sealed tightly in the air-tight pouch. |
| ARG81505-002 | Standard | 2 X 10 ng/vial | 4°C |
| ARG81505-003 | Standard/Sample diluent | 30 ml (Ready to use) | 4°C |
| ARG81505-004 | Antibody conjugate concentrate (100X) | 1 vial (100 µl) | 4°C |
| ARG81505-005 | Antibody diluent buffer | 12 ml (Ready to use) | 4°C |
| ARG81505-006 | HRP-Streptavidin concentrate (100X) | 1 vial (100 µl) | 4°C |
| ARG81505-007 | HRP-Streptavidin diluent buffer | 12 ml (Ready to use) | 4°C |
| ARG81505-008 | 25X Wash buffer | 20 ml | 4°C |
| ARG81505-009 | TMB substrate | 10 ml (Ready to use) | 4°C (Protect from light) |
| ARG81505-010 | STOP solution | 10 ml (Ready to use) | 4°C |
| ARG81505-011 | Plate sealer | 4 strips | Room temperature |

Summary

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| Product Description | ARG81505 Human CL15 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CL15 in serum, plasma (heparin, EDTA) and cell culture supernatants. |
| Tested Reactivity | Hu |
| Tested Application | ELISA |
| Specificity | There is no detectable cross-reactivity with other relevant proteins. |
| Target Name | CCL15 |
| Conjugation | HRP |
| Conjugation Note | Substrate: TMB and read at 450 nm. |
| Sensitivity | 7.8 pg/ml |
| Sample Type | Serum, plasma (heparin, EDTA) and cell culture supernatants. |
| Standard Range | 15.6 - 1000 pg/ml |
| Sample Volume | 100 µl |

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| Precision | Intra-Assay CV: 6.5% Inter-Assay CV: 8.3% |
| Alternate Names | Small-inducible cytokine A15; SCYL3; LKN-1; 22-92; Chemokine CC-2; HMRP-2B; MIP-1 delta; NCC-3; 29-92; C-C motif chemokine 15; SY15; MIP-1D; MRP-2B; MIP-5; Leukotactin-1; NCC3; SCYA15; HCC-2; 25-92; Macrophage inflammatory protein 5; Mrp-2b; LKN1 |

Application Instructions

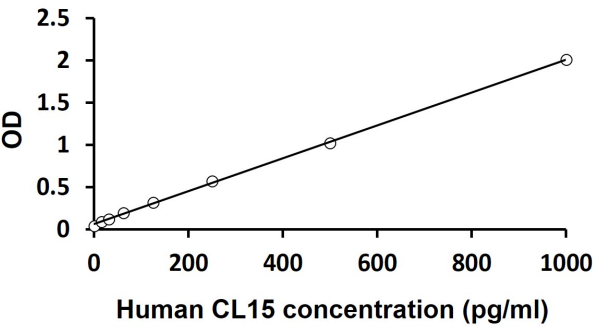
| | |
|------------|-----------|
| Assay Time | ~ 5 hours |
|------------|-----------|

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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|----------------|---|
| Gene Symbol | CCL15 |
| Gene Full Name | chemokine (C-C motif) ligand 15 |
| Background | This gene is located in a cluster of similar genes in the same region of chromosome 17. These genes encode CC cytokines, which are secreted proteins characterized by two adjacent cysteines. The product of this gene is chemotactic for T cells and monocytes, and acts through C-C chemokine receptor type 1 (CCR1). The proprotein is further processed into numerous smaller functional peptides. Naturally-occurring readthrough transcripts occur from this gene into the downstream gene, CCL14 (chemokine (C-C motif) ligand 14). [provided by RefSeq, Jan 2013] |
| Function | Chemotactic factor that attracts T-cells and monocytes, but not neutrophils, eosinophils, or B-cells. Acts mainly via CC chemokine receptor CCR1. Also binds to CCR3. CCL15(22-92), CCL15(25-92) and CCL15(29-92) are more potent chemoattractants than the small-inducible cytokine A15. [UniProt] |
| Highlight | Related products: CCL15 antibodies ; CCL15 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData |



ARG81505 Human CL15 ELISA Kit standard curve image

ARG81505 Human CL15 ELISA Kit results of a typical standard run with optical density reading at 450 nm.