

## Human CCL15 ELISA Kit | CCL15 elisa kit

Human CCL15 PicoKine ELISA Kit

CATALOG #  
**AAA45817**

REACTIVITY  
**Human**

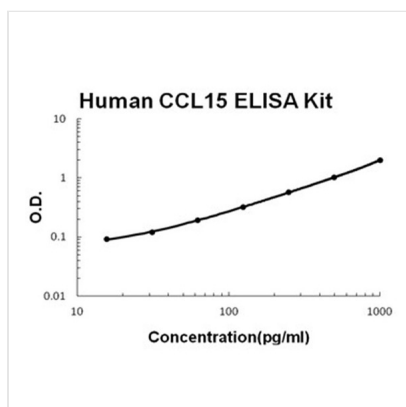
### PRODUCT SYNONYMS

CCL15; Human CCL15 PicoKine ELISA Kit; C-C motif chemokine 15; chemokine (C-C motif) ligand 15; CC chemokine 3; CCL15(29-92); CCL15\_HUMAN; Chemokine CC-2; Chemokine CC2; HCC-2; HCC2; HMRP 2B; HMRP2B; Leukotactin 1; Leukotactin-1; LKN-1; LKN1; Macrophage inflammatory protein 5; MIP-1 delta; MIP-5; MIP1 delta; MIP1d; MIP5; Mrp-2b; Mrp2b; NCC-3; NCC3; SCYA15; SCYL3; Small inducible cytokine A15; Small inducible cytokine subfamily A (Cys-Cys); member 15; Small-inducible cytokine A15; SY15; CCL15 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                 |
| Specificity             | Natural and recombinant human CCL15                                                                                                                   |
| Sequence Length         | 113                                                                                                                                                   |
| Samples                 | Cell culture supernates, serum and plasma (heparin, EDTA)                                                                                             |
| Assay Type              | Sandwich                                                                                                                                              |
| Detection Range         | 15.6pg/ml-1000pg/ml                                                                                                                                   |
| Sensitivity             | < 10pg/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 between 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)

Human CCL15 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for CCL15 elisa kit | <p><b>Principle of the assay:</b> human CCL15 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for CCL15 has been precoated onto 96-well plates. Standards(E.coli, Q22-I113) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CCL15 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human CCL15 amount of sample captured in plate.</p> <p><b>Background:</b> Chemokine (C-C motif) ligand 15 (CCL15) is a small cytokine belonging to the CC chemokine family that is also known as leukotactin-1, MIP5 and HCC-2. CCL15 is expressed in liver, small intestine, colon, and in certain leukocytes and macrophages of the lung. It is chemotactic for neutrophils, monocytes, and lymphocytes and elicits its effects by binding to cell surface chemokine receptors like CCR1 and CCR3. The human CCL15 gene spans four exons and is located in a head-to-tail orientation on chromosome 17 with the gene of another CC chemokine known as CCL14.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 3915594                                                                                                                                                                                               |
| NCBI GeneID                      | 6359                                                                                                                                                                                                  |
| UniProt Accession #              | Q16663; Q9UM74; B2RU34; E1P651                                                                                                                                                                        |
| Molecular Weight                 | 12,248 Da                                                                                                                                                                                             |
| NCBI Official Full Name          | C-C motif chemokine 15                                                                                                                                                                                |
| NCBI Official Synonym Full Names | chemokine (C-C motif) ligand 15                                                                                                                                                                       |
| NCBI Official Symbol             | CCL15                                                                                                                                                                                                 |
| NCBI Official Synonym Symbols    | LKN1; NCC3; SY15; HCC-2; LKN-1; MIP-5; NCC-3; SCYL3; MIP-1D; MRP-2B; SCYA15; HMRP-2B; MIP-1 delta                                                                                                     |
| NCBI Protein Information         | C-C motif chemokine 15; leukotactin 1; chemokine CC-2; new CC chemokine 3; small-inducible cytokine A15; macrophage inflammatory protein 5; small inducible cytokine subfamily A (Cys-Cys), member 15 |
| UniProt Protein Name             | C-C motif chemokine 15                                                                                                                                                                                |
| UniProt Gene Name                | CCL15                                                                                                                                                                                                 |
| UniProt Synonym Gene Names       | MIP5; NCC3; SCYA15; HCC-2; LKN-1; MIP-5                                                                                                                                                               |
| UniProt Entry Name               | CCL15_HUMAN                                                                                                                                                                                           |

**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.