

# CCL20 (Human) ELISA Kit

Catalog # KA0389

Size 1 Kit

## Specification

|                            |                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | CCL20 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human CCL20. |
| <b>Suitable Sample</b>     | Cell Culture Supernatant, Cell Lysates, Tissue Homogenates, Plasma (EDTA, heparin), Serum                 |
| <b>Sample Volume</b>       | 100 $\mu$ L                                                                                               |
| <b>Label</b>               | HRP-conjugated                                                                                            |
| <b>Detection Method</b>    | Colorimetric                                                                                              |
| <b>Assay Type</b>          | Quantitative                                                                                              |
| <b>Calibration Range</b>   | 7.8 to 500 pg/mL                                                                                          |
| <b>Reactivity</b>          | Human                                                                                                     |
| <b>Regulation Status</b>   | For research use only (RUO)                                                                               |
| <b>Storage Instruction</b> | Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.                     |

## Applications

- Quantification

## Gene Info — CCL20

|                      |                                         |
|----------------------|-----------------------------------------|
| <b>Entrez GeneID</b> | <a href="#">6364</a>                    |
| <b>Gene Name</b>     | CCL20                                   |
| <b>Gene Alias</b>    | CKb4, LARC, MIP-3a, MIP3A, SCYA20, ST38 |

|                    |                                                                                                             |
|--------------------|-------------------------------------------------------------------------------------------------------------|
| Gene Description   | chemokine (C-C motif) ligand 20                                                                             |
| Omim ID            | <a href="#">601960</a>                                                                                      |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                   |
| Gene Summary       | member 20                                                                                                   |
| Other Designations | exodus-1 macrophage inflammatory protein 3 alpha small inducible cytokine subfamily A (Cys-Cy s), member 20 |

## Publication Reference

- [Tetrandrine inhibits the proliferation and cytokine production induced by IL-22 in HaCaT cells.](#)

Wang F, Wang J, Zhang Z, Chen S.

The Journal of International Medical Research 2018 Nov; 300060518801463.

Application: Quant, Human, HaCaT cells
- [Genomic organization of the CC chemokine mip-3alpha/CCL20/larc/exodus/SCYA20, showing gene structure, splice variants, and chromosome localization.](#)

Nelson RT, Boyd J, Gladue RP, Paradis T, Thomas R, Cunningham AC, Lira P, Brissette WH, Hayes L, Hames LM, Neote KS, McColl SR.

Genomics 2001 Apr; 73(1):28.
- [Up-regulation of macrophage inflammatory protein-3 alpha/CCL20 and CC chemokine receptor 6 in psoriasis.](#)

Homey B, Dieu-Nosjean MC, Wiesenborn A, Massacrier C, Pin JJ, Oldham E, Catron D, Buchanan ME, Muller A, deWaal Malefyt R, Deng G, Orozco R, Ruzicka T, Lehmann P, Lebecque S, Caux C, Zlotnik A.

The Journal of Immunology 2000 Jun; 164(12):6621.

Application: ELISA, Human, Supernatants from keratinocytes
- [Identification through bioinformatics of two new macrophage proinflammatory human chemokines: MIP-3alpha and MIP-3beta.](#)

Rossi DL, Vicari AP, Franz-Bacon K, McClanahan TK, Zlotnik A.

The Journal of Immunology 1997 Feb; 158(3):1033.

## Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

## Disease

- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)