CCL20 (Human) ELISA Kit

Catalog # KA0389 Size 1 Kit

Specification

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

Applications

- Quantification

Gene Info — CCL20

Entrez GeneID	6364
Gene Name	CCL20
Gene Alias	CKb4, LARC, MIP-3a, MIP3A, SCYA20, ST38

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Gene Description	chemokine (C-C motif) ligand 20
Omim ID	601960
Gene Ontology	Hyperlink
Gene Summary	member 20
Other Designations	exodus-1|macrophage inflammatory protein 3 alpha|small inducible cytokine subfamily A (Cys-Cys), 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

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Disease

- Birth Weight
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- Leukemia
- Meningeal Neoplasms
- Meningioma

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