CCL22 (Human) ELISA Kit

Catalog # KA0386 Size 1 Kit

Specification

Product Description	CCL22 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human CCL22.
Suitable Sample	Cell Culture Supernatant, Plasma (heparin, EDTA), Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	31.2 to 2000 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 — CCL22

Entrez GeneID	6367
Gene Name	CCL22
Gene Alias	A-152E5.1, ABCD-1, DC/B-CK, MDC, MGC34554, SCYA22, STCP-1

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Gene Description	chemokine (C-C motif) ligand 22
Omim ID	602957
Gene Ontology	Hyperlink
Gene Summary	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 pr ocesses. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine e ncoded 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 l ymphocytes and has no chemoattractant activity for neutrophils, eosinophils and resting T lympho cytes. The product of this gene binds to chemokine receptor CCR4. This chemokine may play a r ole in the trafficking of activated T lymphocytes to inflammatory sites and other aspects of activate d T lymphocyte physiology. [provided by RefSeq
Other Designations	CC chemokine STCP-1|macrophage-derived chemokine|small inducible cytokine A22|small indu cible cytokine subfamily A (Cys-Cys), member 22|stimulated T cell chemotactic protein 1

Publication Reference

- Macrophage-derived chemokine is a functional ligand for the CC chemokine receptor 4.

  Imai T, Chantry D, Raport CJ, Wood CL, Nishimura M, Godiska R, Yoshie O, Gray PW.

  The Journal of Biochemical Chemistry 1998 Jan; 273(3):1764.

- Human macrophage-derived chemokine (MDC), a novel chemoattractant for monocytes, monocyte-derived dendritic cells, and natural killer cells.

  Godiska R, Chantry D, Raport CJ, Sozzani S, Allavena P, Leviten D, Mantovani A, Gray PW.

  The Journal of Experimental Medicine 1997 May; 185(9):1595.

Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction

Disease

- Asthma
- Bronchiolitis

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- Genetic Predisposition to Disease
- Helicobacter Infections
- Infant
- Multiple Sclerosis
- Respiratory Syncytial Virus Infections
- Stomach Neoplasms

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