

## ARG81266 Human CCL20 / MIP-3 alpha ELISA Kit

Package: 96 wells

Store at: 4°C

### Summary

Product Description	ARG81266 Human CCL20 / MIP-3 alpha ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CCL20 / MIP-3 alpha in serum, plasma or cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	CCL20 / MIP3 alpha
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	7 pg/ml
Sample Type	Serum, plasma or cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl
Alternate Names	ST38; CC chemokine LARC; Exodus; Macrophage inflammatory protein 3 alpha; 2-70; MIP-3a; Beta-chemokine exodus-1; SCYA20; MIP-3-alpha; LARC; MIP3A; 1-64; Small-inducible cytokine A20; 1-67; CKb4; C-C motif chemokine 20; Liver and activation-regulated chemokine

### Application Instructions

Assay Time	~ 3.5 hours
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### Properties

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.

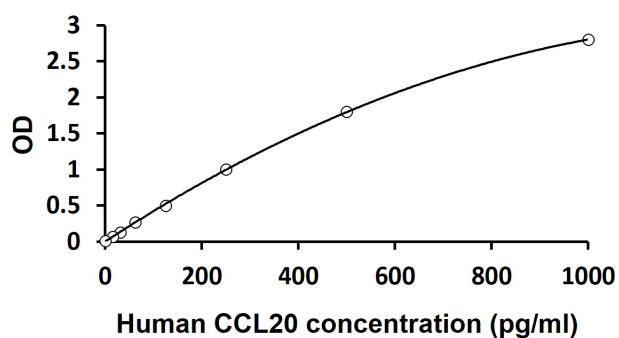
### Bioinformation

Gene Symbol	CCL20
Gene Full Name	chemokine (C-C motif) ligand 20
Background	This antimicrobial gene belongs to the subfamily of small cytokine CC genes. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The protein encoded by this gene displays chemotactic activity for lymphocytes and can repress proliferation of myeloid progenitors. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2014]

Function	Chemotactic factor that attracts lymphocytes and, slightly, neutrophils, but not monocytes. Inhibits proliferation of myeloid progenitors in colony formation assays. May be involved in formation and function of the mucosal lymphoid tissues by attracting lymphocytes and dendritic cells towards epithelial cells. C-terminal processed forms have been shown to be equally chemotactically active for leukocytes. Possesses antibacterial activity E.coli ATCC 25922 and S.aureus ATCC 29213. [UniProt]
Highlight	Related products: <a href="#">CCL20 antibodies</a> ; <a href="#">CCL20 ELISA Kits</a> ; New ELISA data calculation tool: <a href="#">Simplify the ELISA analysis by GainData</a>
PTM	C-terminal processed forms which lack 1, 3 or 6 amino acids are produced by proteolytic cleavage after secretion from peripheral blood monocytes.

## Images

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ARG81266 Human CCL20 / MIP-3 alpha ELISA Kit standard curve image

ARG81266 Human CCL20 / MIP-3 alpha ELISA Kit results of a typical standard run with optical density reading at 450 nm.