

ARG80096
Human CCL19 / MIP-3 beta ELISA KitPackage: 96 wells
Store at: 4°C

Summary

Product Description	ARG80096 Human CCL19 / MIP-3 beta ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CCL19 / MIP-3 beta in serum, plasma and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	Cross-Reactivity: Not reacts with Human MIP-3 alpha, Mouse MIP-3 alpha, Mouse MIP-3 beta and Rat MIP-3 alpha.
Target Name	CCL19 / MIP-3 beta
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	7.8 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: less than 10% Inter-Assay CV: less than 10%
Alternate Names	Small-inducible cytokine A19; EBI1 ligand chemokine; CKb11; SCYA19; ELC; MIP-3b; MIP3B; C-C motif chemokine 19; Macrophage inflammatory protein 3 beta; Epstein-Barr virus-induced molecule 1 ligand chemokine; Beta-chemokine exodus-3; CK beta-11; MIP-3-beta

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	CCL19
Gene Full Name	chemokine (C-C motif) ligand 19
Background	This antimicrobial gene is one of several CC cytokine genes clustered on the p-arm of chromosome 9. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes.

The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene may play a role in normal lymphocyte recirculation and homing. It also plays an important role in trafficking of T cells in thymus, and in T cell and B cell migration to secondary lymphoid organs. It specifically binds to chemokine receptor CCR7. [provided by RefSeq, Sep 2014]

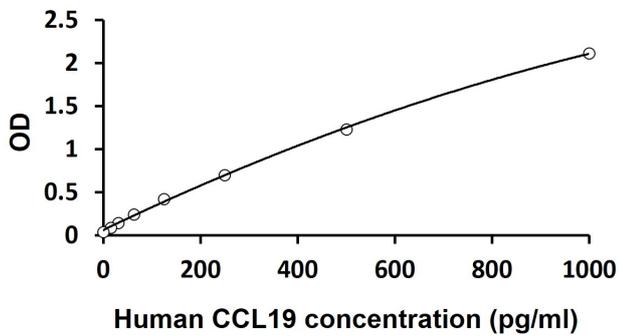
Function

May play a role not only in inflammatory and immunological responses but also in normal lymphocyte recirculation and homing. May play an important role in trafficking of T-cells in thymus, and T-cell and B-cell migration to secondary lymphoid organs. Binds to chemokine receptor CCR7. Recombinant CCL19 shows potent chemotactic activity for T-cells and B-cells but not for granulocytes and monocytes. Binds to atypical chemokine receptor ACKR4 and mediates the recruitment of beta-arrestin (ARRB1/2) to ACKR4. [UniProt]

Highlight

Related products:
[CCL19 antibodies](#); [CCL19 ELISA Kits](#);
New ELISA data calculation tool:
[Simplify the ELISA analysis by GainData](#)

Images



ARG80096 Human CCL19 / MIP-3 beta ELISA Kit standard curve image

ARG80096 Human CCL19 / MIP-3 beta ELISA Kit results of a typical standard run with optical density reading at 450 nm.