

## ARG82081 Mouse CCL19 / MIP-3 beta ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG82081-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82081-002	Standard	2 X 10 ng/vial	4°C
ARG82081-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82081-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82081-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82081-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82081-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82081-008	25X Wash buffer	20 ml	4°C
ARG82081-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82081-010	STOP solution	10 ml (Ready to use)	4°C
ARG82081-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG82081 Mouse CCL19 / MIP-3 beta ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse CCL19 / MIP-3 beta in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
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 (heparin, EDTA) and cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.7%; Inter-Assay CV: 6.8%
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

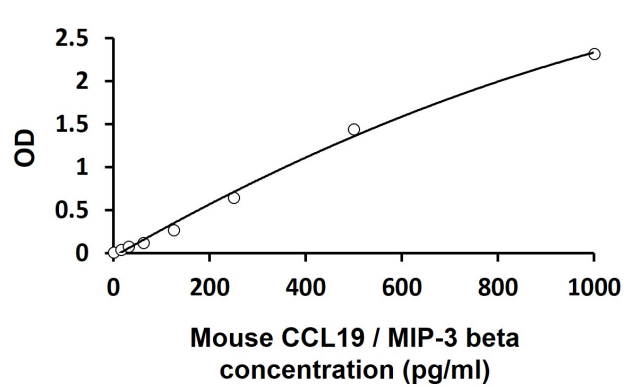
Assay Time	~ 5 hours
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## Properties

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: <a href="#">CCL19 antibodies</a> ; <a href="#">CCL19 ELISA Kits</a> ; New ELISA data calculation tool: <a href="#">Simplify the ELISA analysis by GainData</a>
Cellular Localization	Secreted. [UniProt]



ARG82081 Mouse CCL19 / MIP-3 beta ELISA Kit standard curve image

ARG82081 Mouse CCL19 / MIP-3 beta ELISA Kit results of a typical standard run with optical density reading at 450 nm.