

## Mouse CCL19 ELISA Kit | CCL19 elisa kit

Mouse CCL19 ELISA Kit

CATALOG #  
**AAA263105**

REACTIVITY  
**Mouse**

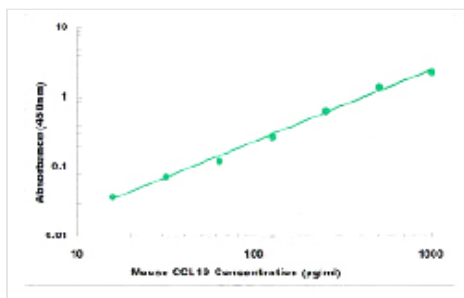
### PRODUCT SYNONYMS

CCL19; Mouse CCL19 ELISA Kit; ELC; MIP3B; SCYA19; C-C motif chemokine 19; Beta-chemokine exodus-3; CK beta-11; Epstein-Barr virus-induced molecule 1 ligand chemokine; EBI1 ligand chemokine; Macrophage inflammatory protein 3 beta; MIP-3-beta; Small-inducible cytokine A19; CCL19 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                      |
| Specificity             | The Mouse CCL19 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse CCL19 proteins within the range of 15.6 pg/ml - 1000 pg/ml. |
| Sequence Length         | 108                                                                                                                                                                                        |
| Samples                 | Cell Culture Supernates, Serum, Plasma                                                                                                                                                     |
| Sensitivity             | <10 pg/ml                                                                                                                                                                                  |
| Preparation and Storage | Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.                                                                                |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for CCL19 elisa kit

**Principle of the Assay:** The Mouse CCL19 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse CCL19 in Cell Culture Supernates, Serum, Plasma. This assay employs an antibody specific for Mouse CCL19 coated on a 96-well plate. Standards and samples are pipetted into the wells and CCL19 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse CCL19 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CCL19 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

**Background:** Chemokine(C-C motif) ligand 19 (CCL19) is a small cytokine belonging to the CC chemokine family that is also known as EBI1 ligand chemokine (ELC) and macrophage inflammatory protein-3-beta (MIP-3-beta). Using PCR of human-rodent hybrids, the CCL19 gene was mapped to human chromosome 9p13, and the CCL19 gene is not part of the CC chemokine gene cluster on chromosome 17. 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.

NCBI AND UNIPROT INFORMATION

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| NCBI GI #                        | 6755422                                 |
| NCBI GeneID                      | 24047                                   |
| NCBI Accession #                 | NP_036018.1                             |
| NCBI GenBank Nucleotide #        | NM_011888.2                             |
| UniProt Accession #              | O70460                                  |
| Molecular Weight                 | 11,911 Da                               |
| NCBI Official Full Name          | C-C motif chemokine 19                  |
| NCBI Official Synonym Full Names | chemokine (C-C motif) ligand 19         |
| NCBI Official Symbol             | Ccl19                                   |
| NCBI Official Synonym Symbols    | ELC; CKb11; MIP3B; Scya19; exodus-3     |
| NCBI Protein Information         | C-C motif chemokine 19                  |
| UniProt Protein Name             | C-C motif chemokine 19                  |
| UniProt Gene Name                | Ccl19                                   |
| UniProt Synonym Gene Names       | Elc; Scya19; EBI1 ligand chemokine; ELC |
| UniProt Entry Name               | CCL19_MOUSE                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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