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## Datasheet for ABIN6720271 CCL19 ELISA Kit

### Overview

|                          |                         |
|--------------------------|-------------------------|
| Quantity:                | 1 kit                   |
| Target:                  | CCL19                   |
| Reactivity:              | Mouse                   |
| Method Type:             | Sandwich ELISA          |
| Detection Range:         | 15.6 pg/mL - 1000 pg/mL |
| Minimum Detection Limit: | 15.6 pg/mL              |
| Application:             | ELISA                   |

### Product Details

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| Purpose:           | Sandwich ELISA for Quantitative Detection of Antigen   |
| Sample Type:       | Cell Culture Supernatant, Plasma (EDTA - heparin), Serum   |
| Analytical Method: | Quantitative   |
| Detection Method:  | Colorimetric   |
| Characteristics:   | <p>Synonyms: Beta chemokine exodus 3, Beta-chemokine exodus-3, C C chemokine ligand 19, C-C motif chemokine 19, CC chemokine ligand 19, CCL19_HUMAN, Chemokine ligand 19, Chemokine ligand 19, Chemokine CC Motif Ligand 19, CK beta 11, CK beta-11, CKb11, EBI1 ligand chemokine, ELC, Epstein-Barr virus-induced molecule 1 ligand chemokine, Exodus 3, Macrophage inflammatory protein 3 beta, MIP 3 beta, MIP-3-beta, MIP-3B, MIP3 beta, MIP3B, SCYA19, Small inducible cytokine A19, Small-inducible cytokine A19</p> <p>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</p> |

## Product Details

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.

Gene Name: CCL19

Production: Natural and recombinant mouse CCL19. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: G26-S108

## Target Details

|                   |  |
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| Target:           | CCL19  |
| Alternative Name: | CCL19 - MIP-3 beta ( <a href="#">CCL19 Products</a> )          |
| Gene ID:          | 24047  |
| NCBI Accession:   | <a href="#">NP_036018</a>                                      |
| UniProt:          | <a href="#">O70460</a>   |
| Pathways:         | <a href="#">Positive Regulation of Immune Effector Process</a> |

## Application Details

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| Application Notes: | <p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.3pg/mL, 15.6pg/mL mouse CCL19 standard solutions into the pre-coated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of mouse cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. We recommend that each mouse CCL19 standard solution and each sample is measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 15.6pg/mL-1000pg/mL</p> |
| Sample Volume:     | 100 µL   |
| Plate:             | Pre-coated   |
| Restrictions:      | For Research Use only  |

## Handling

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| Storage: | RT, 4 °C, -20 °C |
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| Storage Comment: | Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing. |
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