

CCL3 (Human) ELISA Kit

Catalog # KA0388

Size 1 Kit

Specification

Product Description	CCL3 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human CCL3.
Suitable Sample	Cell Culture Supernatant, Plasma (citrate, EDTA, heparin), Serum
Sample Volume	100 μ L
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	15.6 to 1000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

- Quantification

Gene Info — CCL3

Entrez GeneID	6348
Gene Name	CCL3
Gene Alias	G0S19-1, LD78ALPHA, MIP-1-alpha, MIP1A, SCYA3

Gene Description	chemokine (C-C motif) ligand 3
Omim ID	182283 609423
Gene Ontology	Hyperlink
Gene Summary	Macrophage inflammatory protein-1 is a so-called monokine that is involved in the acute inflammatory state in the recruitment and activation of polymorphonuclear leukocytes (Wolpe et al., 1988 [PubMed 3279154]). Sherry et al. (1988) [PubMed 3058856] demonstrated 2 protein components of MIP1, called by them alpha and beta.[supplied by OMIM]
Other Designations	LD78 alpha beta small inducible cytokine A3 (homologous to mouse Mip-1a)

Publication Reference

- [Requirement of MIP-1 alpha for an inflammatory response to viral infection.](#)

Cook DN, Beck MA, Coffman TM, Kirby SL, Sheridan JF, Pragnell IB, Smithies O.

Science 1995 Sep; 269(5230):1583.

Application: WB-Ce, Mouse, Mouse macrophages

- [Structures of human genes coding for cytokine LD78 and their expression.](#)

Nakao M, Nomiya H, Shimada K.

Molecular and Cellular Biology 1990 Jul; 10(7):3646.

- [Macrophage inflammatory proteins 1 and 2: members of a novel superfamily of cytokines.](#)

Wolpe SD, Cerami A.

FASEB Journal 1989 Dec; 3(14):2565.

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Alzheimer disease](#)

- [Arthritis](#)
- [Carpal Tunnel Syndrome](#)
- [Connective Tissue Diseases](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Infection](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Multiple Sclerosis](#)
- [Musculoskeletal Diseases](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Sarcoidosis](#)
- [Skin Diseases](#)
- [Tuberculosis](#)