

Datasheet for ABIN6720004
CCL3 ELISA Kit

1 Image

[Go to Product page](#)

Overview

Quantity:	1 kit
Target:	CCL3
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	7.8 pg/mL - 500 pg/mL
Minimum Detection Limit:	7.8 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin - citrate), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: C C motif chemokine 3, CCL3, CCL3_HUMAN, Chemokine ligand 3, Chemokine ligand 3, G0/G1 switch regulatory protein 19 1, G0/G1 switch regulatory protein 19-1, G0S19 1, Heparin binding chemotaxis protein, LD78-alpha, Macrophage inflammatory protein 1 alpha, Macrophage inflammatory protein 1-alpha, MIP 1 alpha, MIP-1-alpha, MIP-1-alpha, MIP1A, PAT 464.1, SCYA 3, SCYA3, SIS alpha, SIS beta, SIS-beta, Small inducible cytokine A3, Tonsillar lymphocyte LD78 alpha protein</p> <p>Background: Chemokine(C-C motif) ligand 3(CCL3), so known as Macrophage inflammatory protein-1alpha(MIP-1 alpha), is a protein that in humans is encoded by the CCL3 gene. It is a</p>

Product Details

cytokine which belongs to the CC chemokine family that is involved in the acute inflammatory state in the recruitment and activation of polymorphonuclear leukocytes. This gene is mapped to 17q12. CCL3 plays a role in inflammatory responses through binding to the receptors CCR1, CCR4 and CCR5. It has been found that the activation of CCR5 by CCL3 directly and independently activates a G-protein signaling pathway through GNAI2 and a tyrosine phosphorylation signaling pathway through JAK2.

Gene Name: CCL3

Production: Natural and recombinant mouse CCL3. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: A24-A92

Target Details

Target:	CCL3
Alternative Name:	CCL3 - MIP1 alpha (CCL3 Products)
Gene ID:	20302
NCBI Accession:	NP_035467
UniProt:	P10855
Pathways:	Cellular Response to Molecule of Bacterial Origin, Autophagy

Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.3pg/mL, 15.6pg/mL, 7.8pg/mL mouse CCL3 standard solutions into the precoated 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, citrate) to each empty well. We recommend that each mouse CCL3 standard solution and each sample is measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 7.8pg/mL-500pg/mL</p>
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	RT,4 °C,-20 °C
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.

Images

