

Datasheet for ABIN6720000
CCL3 ELISA Kit[Go to Product page](#)

1 Image

Overview

Quantity:	1 kit
Target:	CCL3
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	15.6 pg/mL - 1000 pg/mL
Minimum Detection Limit:	15.6 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: Macrophage inflammatory protein-1 alpha(MIP-1 alpha), also called CCL3, LD78. The cDNA for MIP-1 alpha predicts a mature peptide of 69 amino acids with a molecular mass</p>

Product Details

of 7,889 daltons. LD78 is a member of a newly identified superfamily of small inducible proteins involved in inflammatory responses, wound healing and tumorigenesis. MIP-1 alpha is a chemokine that has pro-inflammatory and stem cell inhibitory activities in vitro. It constitutes an important second signal for mast cell degranulation in the conjunctiva in vivo and consequently for acute-phase disease. The standard product used in this kit is recombinant human MIP-1alpha, consisting of 66 amino acids with the molecular mass of 7.5 kDa.

Gene Name: CCL3

Production: Natural and recombinant human MIP-1 alpha. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: A27-A92

Target Details

Target:	CCL3
Alternative Name:	MIP-1 alpha (CCL3 Products)
Gene ID:	6348
NCBI Accession:	NP_002974
UniProt:	A0N0R1
Pathways:	Cellular Response to Molecule of Bacterial Origin, Autophagy

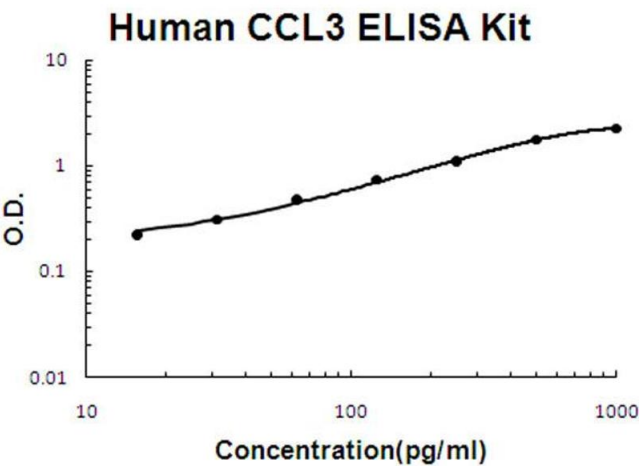
Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL, 15.6pg/mL human MIP-1 alpha 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 human cell culture supernates, serum or plasma(heparin, EDTA, citrate) to each empty well. It is recommended that each human MIP-1 alpha standard solution and each sample be 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

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



ELISA

Image 1. Human MIP-1 alpha Accusignal ELISA Kit Human MIP-1 alpha AccuSignal ELISA Kit standard curve. Assay Range: 15.6pg/ml-1000pg/ml. Sensitivity: <10pg/ml.