

Datasheet for ABIN6720003
CCL4 ELISA Kit[Go to Product page](#)

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Overview

Quantity:	1 kit
Target:	CCL4
Reactivity:	Human
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: ACT 2, ACT2, AT744.1, C C motif chemokine 4, CCL4, CCL4L1, Chemokine CC Motif Ligand 4, G 26 T lymphocyte-secreted protein, HC21, LAG 1, LAG1, Lymphocyte activation gene 1, Lymphocyte activation gene 1 protein, MGC104418, MGC126025, MGC126026, MIP 1 beta, MIP1B, PAT 744, Protein H400, SCYA2, SCYA4, Secreted protein G 26, SIS gamma, Small inducible cytokine A4, T cell activation protein 2</p> <p>Background: Chemokine(C-C motif) ligand 4, also known as CCL4, is a protein which in humans is encoded by the CCL4 gene. It is a CC chemokine with specificity for CCR5 receptors. It is a chemoattractant for natural killer cells, monocytes and a variety of other immune cells. CCL4 is</p>
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Product Details

a major HIV-suppressive factor produced by CD8+ T cells. Performing-low memory CD8+ T cells that normally synthesize MIP-1-beta. the CCL4 gene was assigned to a slightly more distal location: 17q21-q23 rather than 17q11-q21.

Gene Name: CCL4

Production: Natural and recombinant human CCL4. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: A24-N92

Target Details

Target:	CCL4
Alternative Name:	CCL4 - MIP-1 beta (CCL4 Products)
Gene ID:	388372
NCBI Accession:	NP_002975
UniProt:	P13236

Application Details

Application Notes: 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 human CCL4 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 CCL4 standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 7.8pg/mL-500pg/mL

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.

