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# **CCL23 ELISA Kit**



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Quantity:	1 kit
Target:	CCL23
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	31.2 pg/mL - 2000 pg/mL
Minimum Detection Limit:	31.2 pg/mL
Application:	ELISA

Product Details		
Purpose:	Sandwich ELISA for Quantitative Detection of Antigen	
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum	
Analytical Method:	Quantitative	
Detection Method:	Colorimetric	
Characteristics:	Synonyms: C C motif chemokine 23, C6 beta chemokine, CCL23, CCL23(30-99),	
	CCL23_HUMAN, Chemokine (C C motif) ligand 23, CK beta 8, CK-beta-8, CKB 8, Ckb 8 1, CKB-8,	
	CKb8, Hmrp 2a, Macrophage inflammatory protein 3, MIP 3, MIP-3, MIP3, MPIF 1, MPIF-1,	
	MPIF1, Myeloid progenitor inhibitory factor 1, SCYA23, Small inducible cytokine A23, Small	
	inducible cytokine subfamily A (Cys Cys) member 23, Small-inducible cytokine A23	
	Background: Chemokine(C-C motif) ligand 23(CCL23), also known as MIP-3 and MPIF-1, is a	
	small cytokine belonging to the CC chemokine family. It is mapped to 17q12. CCL23 is	
	predominantly expressed in lung and liver tissue, but is also found in placenta, bone marrow	

and some cell lines of myeloid origin. MPIF1 has chemotactic activity on resting T lymphocytes and monocytes, lower activity on neutrophils. It has also been attributed to an inhibitory activity on hematopoietic progenitor cells that give rise to granulocyte and monocyte lineages.

Moreover, CCL23 is a ligand for the chemokine receptor CCR1.

Gene Name: CCL23

Production: Natural and recombinant human CCL23. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: R22-N120

### **Target Details**

Target:	CCL23	
Alternative Name:	CCL23 - MPIF-1 (CCL23 Products)	
Gene ID:	6368	
NCBI Accession:	NP_005055	
UniProt:	P55773	

# **Application Details**

Annl	lication	Notes.

Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 2000pg/mL,1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL human CCL23 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) to each empty well. It is recommended that each human CCL23 standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 31.2pg/mL-2000pg/mL

Sample Volume: 100 µL

Plate: Pre-coated

Restrictions: For Research Use only

# Handling

Storage: RT,4 °C,-20 °C

# Handling

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.