

Datasheet for ABIN6720041
CCL8 ELISA Kit[Go to Product page](#)

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Overview

Quantity:	1 kit
Target:	CCL8
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), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: C C motif chemokine 8, CCL 8, Ccl8, CCL8_HUMAN, Chemokine (C C motif) ligand 8, Chemokine ligand 8, HC14, MCP 2, MCP-2, MCP-2(6-76), Monocyte chemoattractant protein 2, Monocyte chemotactic protein 2, SCYA10, SCYA8, Small inducible cytokine A8, Small inducible cytokine subfamily A (Cys Cys) member 8, Small-inducible cytokine A8</p> <p>Background: Chemokine(C-C motif) ligand 8, also known as monocyte chemoattractant protein 2(MCP-2), is a protein that in humans is encoded by the CCL8 gene. CCL8 is a small cytokine belonging to the CC chemokine family. The CCL8 protein is produced as a precursor containing 109 amino acids, which is cleaved to produce mature CCL8 containing 75 amino acids. The</p>

Product Details

gene for CCL8 is encoded by 3 exons and is located within a large cluster of CC chemokines on chromosome 17q11.2 in humans. Monocyte chemotactic protein 2(MCP-2) is a CC chemokine that utilizes multiple cellular receptors to attract and activate human leukocytes.

Gene Name: CCL8

Production: Natural and recombinant human CCL8. There is no detectable cross-reactivity with other relevant proteins.\

Standard: Expression system for standard: E.coli, Immunogen sequence: Q24-P99

Target Details

Target:	CCL8
Alternative Name:	CCL8 - MCP-2 (CCL8 Products)
Gene ID:	6355
NCBI Accession:	NP_005614
UniProt:	P80075

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 CCL8 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 CCL8 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

Handling

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

