



Datasheet for ABIN6720037

## CCL14 ELISA Kit



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	1 kit
Target:	CCL14
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 14,CC-1, CC-3, Chemokine (C-C motif) ligand 14, Chemokine CC-1/CC-3, Chemokine CC-3, CKB1, HCC-1, HCC-1(1-74), HCC-1/HCC-3, HCC-3, MCIF, NCC-2, NCC2, New CC chemokine 2, SCYA14, SCYL2, Small inducible cytokine subfamily A (Cys-Cys) member 14, Small-inducible cytokine A14, SY14</p> <p>Background: Chemokine(C-C motif) ligand 14(CCL14) is a small cytokine belonging to the CC chemokine family. It is also commonly known as HCC-1. It is produced as a protein precursor that is processed to generate a mature active protein containing 74 amino acids that and is 46 % identical in amino acid composition to CCL3 and CCL4. This chemokine is expressed in</p>

## Product Details

---

various tissues including spleen, bone marrow, liver, muscle, and gut. CCL14 activates monocytes, but does not induce their chemotaxis. In addition, HCC-1 enhanced the proliferation of CD34+ myeloid progenitor cells. It was as effective as MIP-1 alpha, but about 100-fold less potent. Human CCL14 is located on chromosome 17 within a cluster of other chemokines belonging to the CC family.

Gene Name: CCL14

Production: Natural and recombinant human CCL14. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: T20-N93

## Target Details

---

Target: CCL14

Alternative Name: CCL14 - HCC-1 ([CCL14 Products](#))

Gene ID: 6358

NCBI Accession: [NP\\_116738](#)

UniProt: [Q16627](#)

## Application Details

---

Application Notes: 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, 31.3pg/mL, 15.6pg/mL human CCL14 standard solutions into the pre-coated 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. We recommend that each human CCL14 standard solution and each sample is measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 15.6pg/mL-1000pg/mL

Sample Volume: 100 µL

Plate: Pre-coated

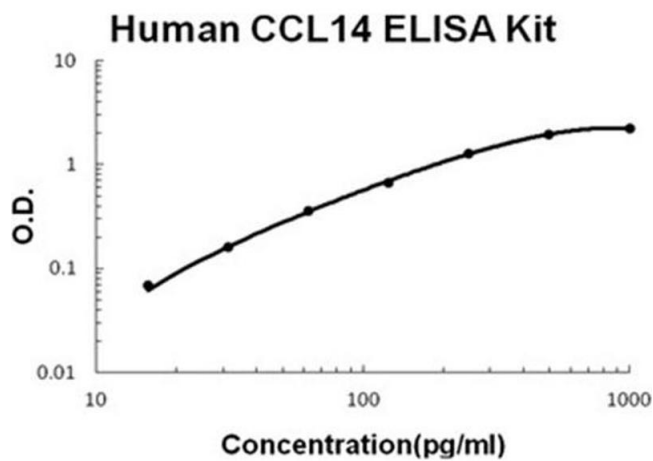
Restrictions: For Research Use only

## 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.

## Images



### ELISA

**Image 1.** Human CCL14/HCC-1 Accusignal ELISA Kit Human CCL14/HCC-1 AccuSignal ELISA Kit standard curve. Assay Range: 15.6pg/ml-1000pg/ml. Sensitivity: <10pg/ml.