

Datasheet for ABIN6719980

CCL16 ELISA Kit**1** Image[Go to Product page](#)

Overview

Quantity:	1 kit
Target:	CCL16
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), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: C-C motif chemokine 16, CCL16, CCL16_HUMAN, Chemokine CC-4, Chemokine LEC, CKb12, HCC-4, HCC4, IL-10-inducible chemokine, IL10 inducible chemokine, ILINCK, LCC-1, LCC1, Liver CC chemokine 1 precursor, Liver expressed chemokine, Liver-expressed chemokine, LMC, Lymphocyte and monocyte chemoattractant, Monotactin 1, MTN-1, Mtn1,NCC4, New CC chemokine 4, SCYA16, SCYL4, Small inducible cytokine A16 precursor, Small inducible cytokine subfamily A (Cys Cys) member 16, Small-inducible cytokine A16</p> <p>Background: Chemokine(C-C motif) ligand 16(CCL16) is a small cytokine belonging to the CC chemokine family that is known under several pseudonyms, including Liver-expressed</p>

Product Details

chemokine(LEC) and Monotactin-1(MTN-1). This chemokine is expressed by the liver, thymus, and spleen and is chemoattractive for monocytes and lymphocytes. Cellular expression of CCL16 can be strongly induced in monocytes by IL-10, IFN-gamma and bacterial lipopolysaccharide. Its gene is located on chromosome 17, in humans, among a cluster of other CC chemokines. CCL16 elicits its effects on cells by interacting with cell surface chemokine receptors such as CCR1, CCR2, CCR5 and CCR8.

Gene Name: CCL16

Production: Natural and recombinant human CCL16. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: Q24-Q120

Target Details

Target:	CCL16
Alternative Name:	CCL16 - HCC-4 (CCL16 Products)
Gene ID:	6360
NCBI Accession:	NP_004581
UniProt:	O15467

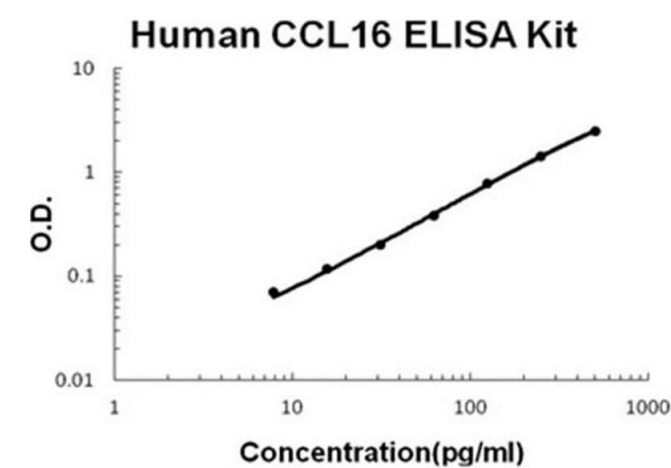
Application Details

Application Notes:	<p>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 CCL16 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. We recommend that each human CCL16 standard solution and each sample is measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 7.8pg/mL-500pg/mL</p> <p>Other Performance Data: DOE: 2-8° C - 2/15/18 -20° C - 8/16/18</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 CCL16/HCC-4 Accusignal ELISA Kit
Human CCL16/HCC-4 AccuSignal ELISA Kit standard curve.
Assay Range: 7.8pg/ml-500pg/ml. Sensitivity: <10pg/ml.