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Datasheet for KOA0645

Human CCL16 - HCC-4 ELISA Kit

Overview

Description:	Human CCL16/HCC-4 AccuSignal ELISA Kit - KOA0645
Item No.:	KOA0645
Size:	1 Kit
Applications:	ELISA
Reactivity:	Human
Range:	7.8 pg/ml - 500 pg/ml

Product Details

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 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.
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
Detection Kit Type:	ELISA Kit
Detection Range:	7.8 pg/ml - 500 pg/ml
Sensitivity:	<10 pg/ml

Target Details

Gene Name:	CCL16
Reactivity:	Human

Immunogen:	Expression system for standard: E.coli; Immunogen sequence: Q24-Q120
Purity/Specificity:	Natural and recombinant human CCL16. There is no detectable cross-reactivity with other relevant proteins.
Relevant Links:	• UniProtKB - O15467 • NCBI - NP_004581.1 • GeneID - 6360 • KOA0645 Protocol

Application Details

Tested Applications:	ELISA
Application Note:	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml 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 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml 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.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
Other:	DOE: 2-8° C - 2/15/18 -20° C - 8/16/18

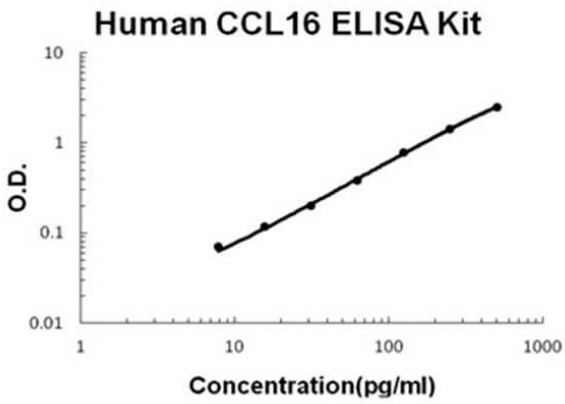
Formulation

Concentration:	1 Kit
Anticoagulant:	Heparin Sodium

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	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.
Expiration:	See kit insert for complete instructions.

Images



ELISA
Human CCL16/HCC-4 AccuSignal ELISA Kit standard curve.
Assay Range: 7.8pg/ml-500pg/ml. Sensitivity: <10pg/ml.

Disclaimer

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