

Datasheet for KOA0480**Human CCL13 - MCP4 ELISA Kit****Overview**

Description:	Human CCL13/MCP4 AccuSignal ELISA Kit - KOA0480
Item No.:	KOA0480
Size:	1 Kit
Applications:	ELISA
Reactivity:	Human
Range:	7.8 pg/ml - 500 pg/ml

Product Details

Background:	Chemokine(C-C motif) ligand 13(CCL13) is a small cytokine belonging to the CC chemokine family. Its gene is located on human chromosome 17 within a large cluster of other CC chemokines. CCL13 induces chemotaxis in monocytes, eosinophils, T lymphocytes, and basophils by binding cell surface G-protein linked chemokine receptors such as CCR2, CCR3 and CCR5. Activity of this chemokine has been implicated in allergic reactions such as asthma. CCL13 can be induced by the inflammatory cytokines interleukin-1 and TNF-alpha.
Synonyms:	C-C motif chemokine 13, CCL13, CCL13_HUMAN, Chemokine (C C motif) ligand 13, CK beta 10, CK-beta-10, CKb10, Macrophage/monocyte chemotactic protein 4, MCP-4, MGC17134, Monocyte chemoattractant protein 4, Monocyte chemotactic protein 4, NCC 1, NCC-1, NCC1, New CC chemokine 1, SCYA13, SCYL1, short chain, Small inducible cytokine A13, Small inducible cytokine A13 precursor, Small inducible cytokine subfamily A (Cys Cys) member 13, Small-inducible cytokine A13
Detection Kit Type:	ELISA Kit
Detection Range:	7.8 pg/ml - 500 pg/ml
Sensitivity:	<10 pg/ml

Target Details

Gene Name:	CCL13
Reactivity:	Human
Immunogen:	Expression system for standard: E.coli; Immunogen sequence: Q24-T98

Purity/Specificity: Natural and recombinant human CCL13. There is no detectable cross-reactivity with other relevant proteins.

Relevant Links:

- [UniProtKB - P09581](#)
- [NCBI - NP_001032948.2](#)
- [GeneID - 12978](#)
- [KOA0480 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 CCL13 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 CCL13 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.

Formulation

Anticoagulant: Heparin Sodium

Shipping & Handling

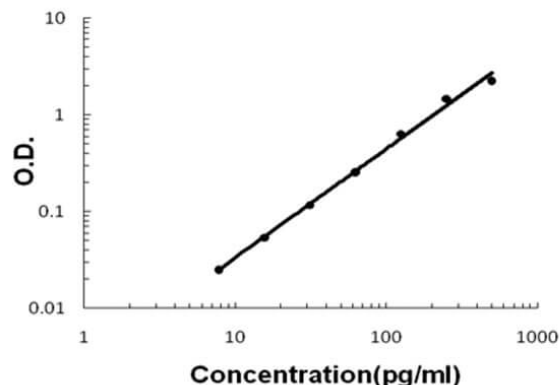
Shipping Condition: Wet Ice

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

Human CCL13 ELISA Kit



ELISA

Human CCL13/MCP4 AccuSignal ELISA Kit standard curve. Assay Range: 7.8pg/ml-500pg/ml.
Sensitivity: <10pg/ml.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.