

Datasheet for KOA0717**Human CCL23 - MPIF-1 ELISA Kit****Overview**

Description:	Human CCL23/MPIF-1 AccuSignal ELISA Kit - KOA0717
Item No.:	KOA0717
Size:	1 Kit
Applications:	ELISA
Reactivity:	Human
Range:	31.2 pg/ml - 2000 pg/ml

Product Details

Background:	Chemokine(C-C motif) ligand 23(CCL23), also known as MIP-3 and MPIF-1, is a small cytokine belonging to the CC chemokine family. It is mapped to 17q12. CCL23 is predominantly expressed in lung and liver tissue, but is also found in placenta, bone marrow and some cell lines of myeloid origin. MPIF1 has chemotactic activity on resting T lymphocytes and monocytes, lower activity on neutrophils. It has also been attributed to an inhibitory activity on hematopoietic progenitor cells that give rise to granulocyte and monocyte lineages. Moreover, CCL23 is a ligand for the chemokine receptor CCR1.
Synonyms:	C C motif chemokine 23, C6 beta chemokine, CCL23, CCL23(30-99), CCL23_HUMAN, Chemokine (C C motif) ligand 23, CK beta 8, CK-beta-8, CKB 8, Ckb 8 1, CKB-8, CKb8, Hmrp 2a, Macrophage inflammatory protein 3, MIP 3, MIP-3, MIP3, MPIF 1, MPIF-1, MPIF1, Myeloid progenitor inhibitory factor 1, SCYA23, Small inducible cytokine A23, Small inducible cytokine subfamily A (Cys Cys) member 23, Small-inducible cytokine A23
Detection Kit Type:	ELISA Kit
Detection Range:	31.2 pg/ml - 2000 pg/ml
Sensitivity:	<2 pg/ml

Target Details

Gene Name:	CCL23
Reactivity:	Human
Immunogen:	Expression system for standard: E.coli; Immunogen sequence: R22-N120

Purity/Specificity: Natural and recombinant human CCL23. There is no detectable cross-reactivity with other relevant proteins.

Relevant Links:

- [UniProtKB - P55773](#)
- [NCBI - NP_005055.3](#)
- [GeneID - 6368](#)
- [KOA0717 Protocol](#)

Application Details

Tested Applications: ELISA

Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 2000pg/ml, 1000pg/ml, 500pg/ml, 250pg/ml, 125pg/ml, 62.5pg/ml, 31.2pg/ml human CCL23 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. It is recommended that each human CCL23 standard solution and each sample be 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

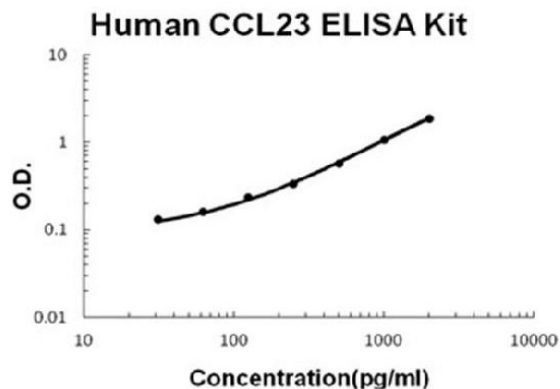
Storage Condition: Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.

Expiration: See kit insert for complete instructions.

Images

ELISA

Human CCL23/MPIF-1 ELISA Kit standard curve.

**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.