

Datasheet for KOA0259**Human CCL4 - MIP-1 beta ELISA Kit****Overview**

Description:	Human CCL4/MIP-1 beta AccuSignal ELISA Kit - KOA0259
Item No.:	KOA0259
Size:	1 Kit
Applications:	ELISA
Reactivity:	Human
Range:	7.8 pg/ml - 500 pg/ml

Product Details

Background:	Chemokine(C-C motif) ligand 4, also known as CCL4, is a protein which in humans is encoded by the CCL4 gene. It is a CC chemokine with specificity for CCR5 receptors. It is a chemoattractant for natural killer cells, monocytes and a variety of other immune cells. CCL4 is a major HIV-suppressive factor produced by CD8+ T cells. Performing-low memory CD8+ T cells that normally synthesize MIP-1-beta. the CCL4 gene was assigned to a slightly more distal location: 17q21-q23 rather than 17q11-q21.
Synonyms:	ACT 2, ACT2, AT744.1, C C motif chemokine 4, CCL4, CCL4L1, Chemokine CC Motif Ligand 4, G 26 T lymphocyte-secreted protein, HC21, LAG 1, LAG1, Lymphocyte activation gene 1, Lymphocyte activation gene 1 protein, MGC104418, MGC126025, MGC126026, MIP 1 beta, MIP1B, PAT 744, Protein H400, SCYA2, SCYA4, Secreted protein G 26, SIS gamma, Small inducible cytokine A4, T cell activation protein 2
Detection Kit Type:	ELISA Kit
Detection Range:	7.8 pg/ml - 500 pg/ml
Sensitivity:	<1 pg/ml

Target Details

Gene Name:	CCL4
Reactivity:	Human
Immunogen:	Expression system for standard: E.coli; Immunogen sequence: A24-N92

Purity/Specificity: Natural and recombinant human CCL4. There is no detectable cross-reactivity with other relevant proteins.

Relevant Links:

- [UniProtKB - P13236](#)
- [NCBI - NP_002975.1](#)
- [GeneID - 388372](#)
- [KOA0259 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 CCL4 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, citrate) to each empty well. It is recommended that each human CCL4 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

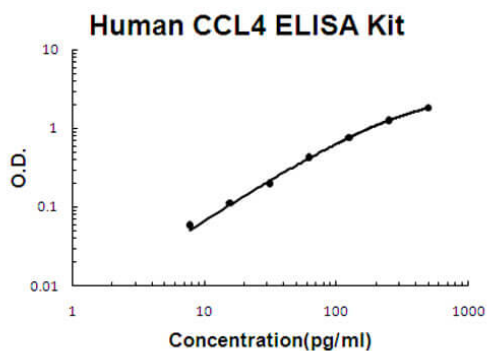
Shipping & Handling

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 CCL4/MIP-1 beta AccuSignal ELISA Kit standard curve. Assay Range: 7.8pg/ml-500pg/ml. Sensitivity: <1pg/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.