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Datasheet for KOA0640

Human CCL15 ELISA Kit

Overview

Description:	Human CCL15 AccuSignal ELISA Kit - KOA0640
Item No.:	KOA0640
Size:	1 Kit
Applications:	ELISA
Reactivity:	Human
Range:	15.6 pg/ml - 1000 pg/ml

Product Details

Background:	Chemokine(C-C motif) ligand 15(CCL15) is a small cytokine belonging to the CC chemokine family that is also known as leukotactin-1, MIP5 and HCC-2. CCL15 is expressed in liver, small intestine, colon, and in certain leukocytes and macrophages of the lung. It is chemotactic for neutrophils, monocytes, and lymphocytes and elicits its effects by binding to cell surface chemokine receptors like CCR1 and CCR3. The human CCL15 gene spans four exons and is located in a head-to-tail orientation on chromosome 17 with the gene of another CC chemokine known as CCL14.
Synonyms:	CC chemokine 3, CCL15, CCL15(29-92), CCL15_HUMAN, Chemokine CC-2, Chemokine CC2, HCC-2, HCC2, HMRP 2B, HMRP2B, Leukotactin 1, Leukotactin-1, LKN-1, LKN1, Macrophage inflammatory protein 5, MIP-1 delta, MIP-5, MIP1 delta, MIP1d, MIP5, Mrp-2b, Mrp2b, NCC-3, NCC3, SCYA15, SCYL3, Small inducible cytokine A15, Small inducible cytokine subfamily A (Cys-Cys), member 15, Small-inducible cytokine A15, SY15
Detection Kit Type:	ELISA Kit
Detection Range:	15.6 pg/ml - 1000 pg/ml
Sensitivity:	<10 pg/ml

Target Details

Gene Name:	CCL15
Reactivity:	Human
Immunogen:	Expression system for standard: E.coli; Immunogen sequence: Q22-I113

Purity/Specificity:	Natural and recombinant human CCL15. There is no detectable cross-reactivity with other relevant proteins.
Relevant Links:	• UniProtKB - Q16663 • NCBI - NP_116741.2 • GeneID - 6359 • KOA0640 Protocol

Application Details

Tested Applications:	ELISA
Application Note:	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 1000pg/ml, 500pg/ml, 250pg/ml, 125pg/ml, 62.5pg/ml, 31.2pg/ml, 15.6pg/ml human CCL15 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 CCL15 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.
ELISA:	15.6pg/ml-1000pg/ml
Other:	DOE: 2-8° C - 08/20/2024 -20° C - 02/22/2025

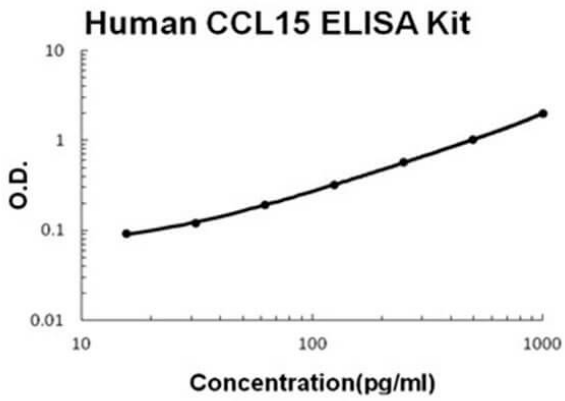
Formulation

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 CCL15 AccuSignal ELISA Kit standard curve. Assay Range: 15.6pg/ml-1000pg/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.