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Datasheet for KOA0352

Mouse CCL24 - Eotaxin-2 ELISA Kit

Overview

Description:	Mouse CCL24/Eotaxin-2 AccuSignal ELISA Kit - KOA0352
Item No.:	KOA0352
Size:	1 Kit
Applications:	ELISA
Reactivity:	Mouse
Range:	15.6 pg/ml - 1000 pg/ml

Product Details

Background:	Chemokine(C-C motif) ligand 24(CCL24) also known as myeloid progenitor inhibitory factor 2 (MPIF-2) or eosinophil chemotactic protein 2(eotaxin-2) is a protein that in humans is encoded by the CCL24 gene.1 By use of PCR analysis of somatic cell hybrid DNAs, radiation hybrid mapping, and a chromosome 7-specific YAC library, mapped the SCYA24 gene to chromosome 7q11.23.2 CCL24 is a small cytokine belonging to the CC chemokine family. CCL24 interacts with chemokine receptor CCR3 to induce chemotaxis in eosinophils.3 This chemokine is also strongly chemotactic for resting T lymphocytes and slightly chemotactic for neutrophils.
Synonyms:	C C motif chemokine 24, CCL24, Chemokine (C C motif) ligand 24, Chemokine CC Motif Ligand 2, CK beta 6, Ckb 6, Ckb6, Eosinophil chemotactic protein 2, Eotaxin 2 like protein, MPIF 2, MPIF2, Myeloid progenitor inhibitory factor 2, OTTHUMP00000210225, SCYA24, Small inducible cytokine A24, Small inducible cytokine subfamily A (Cys Cys) member 24
Detection Kit Type:	ELISA Kit
Detection Range:	15.6 pg/ml - 1000 pg/ml
Sensitivity:	<10 pg/ml

Target Details

Gene Name:	CCL24
Reactivity:	Mouse
Immunogen:	Expression system for standard: E.coli; Immunogen sequence: V27-V119

Purity/Specificity:	Natural and recombinant mouse CCL24. There is no detectable cross-reactivity with other relevant proteins.
Relevant Links:	• UniProtKB - Q9JKC0 • NCBI - NP_062523.1 • GeneID - 56221 • KOA0352 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 mouse CCL24 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 mouse cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. It is recommended that each mouse CCL24 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.

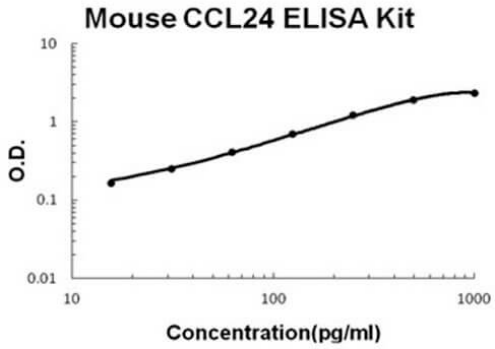
Formulation

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
Mouse CCL24/Eotaxin-2 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.