

Datasheet for KOA0475**Mouse XCL1 - Lymphotactin ELISA Kit****Overview**

Description:	Mouse XCL1/Lymphotactin AccuSignal ELISA Kit - KOA0475
Item No.:	KOA0475
Size:	1 Kit
Applications:	ELISA
Reactivity:	Mouse
Range:	62.5 pg/ml - 4000 pg/ml

Product Details

Background:	Chemokine(C motif) ligand(XCL1) is a small cytokine belonging to the XC chemokine family that is also known as lymphotactin. This gene is mapped to chromosome 1q23 by FISH. The sequence of the deduced 114-amino acid protein is most homologous to the CC chemokines CCL8 and CCL3. It is found in high levels in spleen, thymus, intestine and peripheral blood leukocytes, and at lower levels in lung, prostate gland and ovary. XCL1 induces the migration of cells expressing XCR1.
Synonyms:	ATAC, C motif chemokine 1, Chemokine (C motif) ligand 1, Cytokine SCM-1, Cytokine SCM1, LPTN, LTN, Lymphotactin, Lymphotaxin, SCM 1, SCM 1 alpha, SCM-1-alpha, SCM1, SCM1 alpha, SCYC1, Small inducible cytokine C1, Small inducible cytokine subfamily C member 1, Small-inducible cytokine C1, XC chemokine ligand 1, Xcl1, XCL1_HUMAN
Detection Kit Type:	ELISA Kit
Detection Range:	62.5 pg/ml - 4000 pg/ml
Sensitivity:	<5 pg/ml

Target Details

Gene Name:	XCL1
Reactivity:	Mouse
Immunogen:	Expression system for standard: E.coli; Immunogen sequence: V22-G114

Purity/Specificity:	Natural and recombinant mouse XCL1. There is no detectable cross-reactivity with other relevant proteins.
Relevant Links:	• UniProtKB - P47993 • NCBI - NP_032536.1 • GeneID - 16963 • KOA0475 Protocol

Application Details

Tested Applications:	ELISA
Application Note:	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 4000pg/ml, 2000pg/ml, 1000pg/ml, 500pg/ml, 250pg/ml, 125pg/ml, 62.5pg/ml mouse XCL1 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 XCL1 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:	62.5pg/ml-4000pg/ml
Other:	DOE: 2-8° C - 01/21/2021 -20° C - 07/21/2021

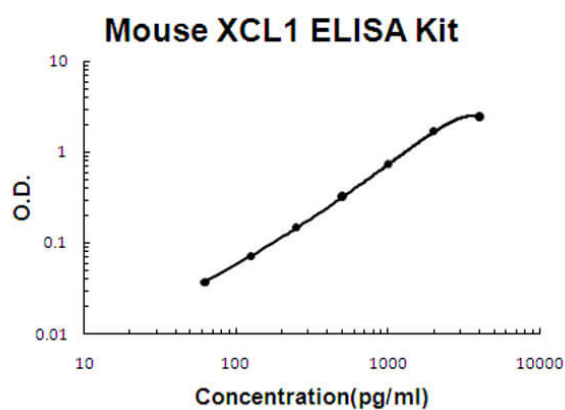
Formulation

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

Mouse XCL1/Lymphotactin AccuSignal ELISA Kit standard curve. Assay Range: 62.5pg/ml-4000pg/ml.

Sensitivity: <5pg/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.