

Datasheet for ABIN6719776

XCL1 ELISA Kit**1** Image[Go to Product page](#)

Overview

Quantity:	1 kit
Target:	XCL1
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	62.5 pg/mL - 4000 pg/mL
Minimum Detection Limit:	62.5 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric

Characteristics: 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

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

Product Details

peripheral blood leukocytes, and at lower levels in lung, prostate gland and ovary. XCL1 induces the migration of cells expressing XCR1.

Gene Name: XCL1

Production: Natural and recombinant mouse XCL1. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: V22-G115

Target Details

Target:	XCL1
Alternative Name:	XCL1 - Lymphotactin (XCL1 Products)
Gene ID:	16963
NCBI Accession:	NP_032536
UniProt:	P47993
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Activated T Cell Proliferation

Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL 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 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL 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.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 62.5pg/mL-4000pg/mL</p>
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	RT, 4 °C, -20 °C
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Handling

Storage Comment: 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.

Images

