

Human Chemokine C-Motif Ligand 1 (XCL1) ELISA Kit | XCL1 elisa kit

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CATALOG #
AAA219758

REACTIVITY
Human

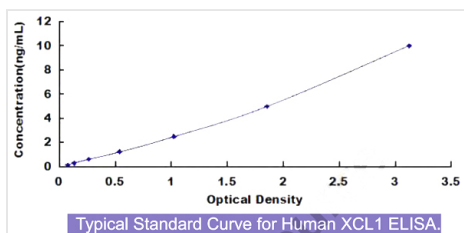
PRODUCT SYNONYMS

Chemokine C-Motif Ligand 1 (XCL1); Human Chemokine C-Motif Ligand 1 (XCL1) ELISA Kit; ATAC; C motif chemokine 1; Cytokine SCM-1; Lymphotoxin; SCM-1-alpha; Small-inducible cytokine C1; XC chemokine ligand 1; XCL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of XCL1. No significant cross-reactivity or interference between XCL1 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.052ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level XCL1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level XCL1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Shelf Life: 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for XCL1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to XCL1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to XCL1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain XCL1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of XCL1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of XCL1 in human tissue homogenates, cell lysates or other biological fluids.
Product Categories/Family for XCL1 elisa kit	Traditional ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506853
NCBI GeneID	6375
NCBI Accession #	NP_002986.1
NCBI GenBank Nucleotide #	NM_002995.2
UniProt Accession #	P47992; Q52MA8
Molecular Weight	12,517 Da
NCBI Official Full Name	lymphotactin
NCBI Official Synonym Full Names	chemokine (C motif) ligand 1
NCBI Official Symbol	XCL1
NCBI Official Synonym Symbols	LTN; ATAC; LPTN; SCM1; SCM-1; SCM1A; SCYC1; SCM-1a
NCBI Protein Information	lymphotactin; SCM-1-alpha; lymphotaxin; cytokine SCM-1; c motif chemokine 1; XC chemokine ligand 1; single cysteine motif 1a; small-inducible cytokine C1; small inducible cytokine subfamily C, member 1 (lymphotactin)
UniProt Protein Name	Lymphotactin
UniProt Gene Name	XCL1
UniProt Synonym Gene Names	LTN; SCYC1
UniProt Entry Name	XCL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.