

Human XCL1/Lymphotactin ELISA Kit | XCL1 elisa kit

Human XCL1/Lymphotactin PicoKine ELISA Kit

CATALOG #
AAA11612

REACTIVITY
Human

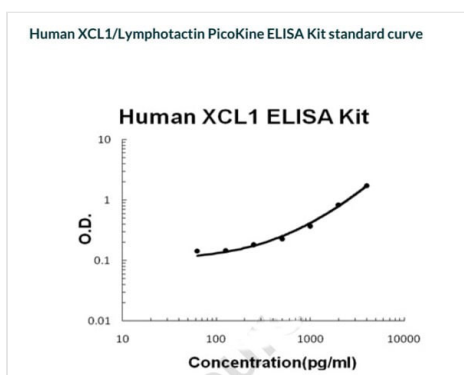
PRODUCT SYNONYMS

XCL1/Lymphotactin; Human XCL1/Lymphotactin PicoKine ELISA Kit; Lymphotactin; chemokine (C motif) ligand 1; ATAC; C motif chemokine 1; Chemokine (C motif) ligand 1; Cytokine SCM-1; Cytokine SCM1; LPTN; LTN; 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; XCL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human XCL1
Sequence Length	114
Samples	Cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA)
Detection Range	62.5 pg/ml - 4,000 pg/ml
Sensitivity	<1 pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for XCL1 elisa kit	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 XCRR1. Principle of the Assay: The Picokine™ Human XCL1 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Human XCL1 with a 96-well strip plate that is pre-coated with antibody specific for XCL1. The detection antibody is a biotinylated antibody specific for XCL1. The capture antibody is monoclonal antibody from mouse and the detection antibody is polyclonal antibody from goat. The kit contains recombinant Human XCL1 with immunogen: Expression system for standard: E.coli; Immunogen sequence: V22-G114. The kit is analytically validated with ready-to-use reagents. To measure Human XCL1, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbound ABC-HRP with PBS or TBS buffer and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product at 450nm is linearly proportional to Human XCL1 in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human XCL1 in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1346471
NCBI GeneID	6375
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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/xcl1-lymphotactin/11612>