

Mouse chemokine (C motif) ligand 1 ELISA Kit | XCL1 elisa kit

Mouse lymphotactin, Lptn/LTN ELISA Kit

CATALOG #
AAA79796

REACTIVITY
Mouse

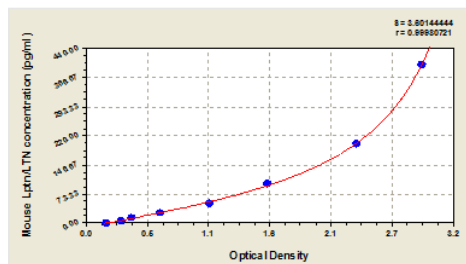
PRODUCT SYNONYMS

chemokine (C motif) ligand 1; Mouse lymphotactin; Lptn/LTN ELISA Kit; ATAC; LPTN; LTN; SCM-1; SCM-1a; SCM1; SCYC1; lymphotactin; small inducible cytokine subfamily C; member 1 (lymphotactin) ; XCL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse Lptn/LTN. No significant cross-reactivity or interference between mouse Lptn/LTN and analogues was observed.
Sequence Length	114
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	6.2 5 pg/ml -400 pg/ml.
Sensitivity	The minimum detectable dose of mouse Lptn/LTN is typically less than 1.56 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for XCL1 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for Lptn/LTN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Lptn/LTN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Lptn/LTN is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Lptn/LTN bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6678712
NCBI GeneID	16963
NCBI Accession #	NP_032536.1
NCBI GenBank Nucleotide #	NM_008510.1
UniProt Accession #	P47993
Molecular Weight	12,467 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; SCM-1; Scyc1; SCM-1a; AI661682
NCBI Protein Information	lymphotactin; lymphotaxin; cytokine SCM-1; c motif chemokine 1; small-inducible cytokine C1; small inducible cytokine subfamily C, member 1 (lymphotactin)
UniProt Protein Name	Lymphotactin
UniProt Gene Name	Xcl1
UniProt Synonym Gene Names	Lptn; Ltn; Scyc1
UniProt Entry Name	XCL1_MOUSE

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/xcl1-mouse-elisa-kits/chemokine-c-motif-ligand-1/79796>