

Mouse Lptn/XCL1 ELISA Kit | Lptn/XCL1 elisa kit

Mouse Lptn/XCL1 (Lymphotactin) ELISA Kit

CATALOG #
AAA165775

REACTIVITY
Mouse

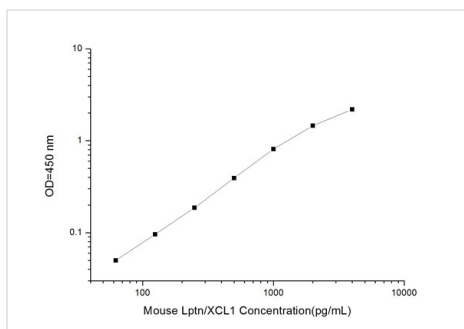
PRODUCT SYNONYMS

Lptn/XCL1; Mouse Lptn/XCL1 (Lymphotactin) ELISA Kit; Lptn/XCL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes natural and recombinant Mouse Lptn/XCL1. No significant cross-reactivity or interference between Mouse Lptn/XCL1 and analogues was observed.
Sequence Length	114
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Lptn/XCL1 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of MouseLptn/XCL1concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Lptn/XCL1. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Lptn/XCL1and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Lptn/XCL1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Lptn/XCL1.You can calculate the concentration of Lptn/XCL1in the samples by comparing the OD of the samples to the standard curve.
---	---

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; XC chemokine ligand 1; c motif chemokine 1; cytokine SCM-1; lymphotaxin; single cysteine motif 1a; small inducible cytokine subfamily C, member 1 (lymphotactin); small-inducible cytokine C1
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.