

Human Lymphotactin ELISA Kit | Lptn/XCL1 elisa kit

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CATALOG #
AAA102440

REACTIVITY
Human

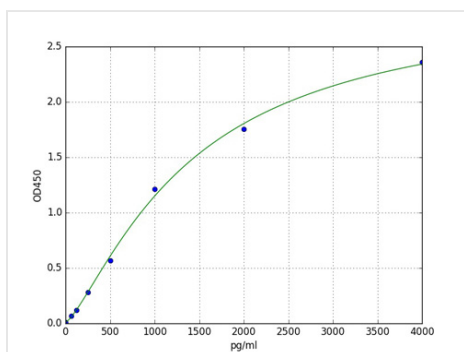
PRODUCT SYNONYMS

Lymphotactin; Human Lymphotactin ELISA Kit; XCL1/Lptn/ATAC/SCM-1 alpha/ATACsmall-inducible cytokine C1/C motif chemokine 1/chemokine (C motif) ligand 1/Cytokine SCM-1/LPTNSCM-1-alpha/LTNXC chemokine ligand 1/lymphotactin/lymphotaxin/SCM-1/SCM1A/SCM-1a/SCYC1SCM1; Lptn/XCL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	114
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	62.5-4000pg/ml
Sensitivity	37.5pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a human Lptn ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	62.5	125	250	500	1000	2000	4000
Y	OD450	0.007	0.065	0.124	0.223	0.415	0.870	1.523	2.742

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Lptn/XCL1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-human Lptn antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-human Lptn antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human Lptn amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of human Lptn can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506853
NCBI GeneID	6375
NCBI Accession #	NP_002986.1
NCBI GenBank Nucleotide #	NM_002995.2
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
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/lptn-xcl1-human-elisa-kits/lymphotactin/102440>