

Sheep Lymphotactin ELISA Kit | LTN elisa kit

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CATALOG #
AAA90297

REACTIVITY
Sheep

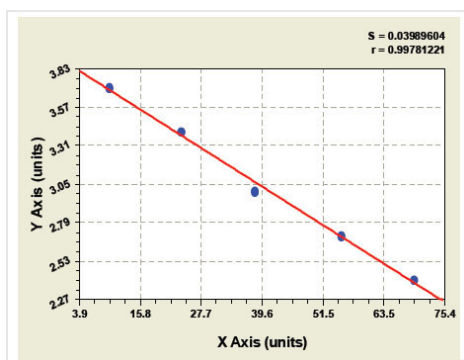
PRODUCT SYNONYMS

Lymphotactin; Sheep Lymphotactin ELISA Kit; LTN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This LTN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep LTN. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LTN elisa kit

Principle of the Assay: LTN ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-LTN antibody and an LTN-HRP conjugate. The assay sample and buffer are incubated together with LTN-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the LTN concentration since LTN from samples and LTN-HRP conjugate compete for the anti-LTN antibody binding site. Since the number of sites is limited, as more sites are occupied by LTN from the sample, fewer sites are left to bind LTN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LTN concentration in each sample is interpolated from this standard curve.

Product Categories/Family for LTN elisa kit

Immunology

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; 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/ltn-sheep-elisa-kits/lymphotactin/90297>