

ARG81459 Human Lymphotactin ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81459-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81459-002	Standard	2 X 10 ng/vial	4°C
ARG81459-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81459-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81459-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81459-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81459-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81459-008	25X Wash buffer	20 ml	4°C
ARG81459-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81459-010	STOP solution	10 ml (Ready to use)	4°C
ARG81459-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81459 Human Lymphotactin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Lymphotactin in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	Lymphotactin
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	31.25 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	62.5 - 4000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.9% Inter-Assay CV: 7.3%
Alternate Names	Lymphotoxin; C motif chemokine 1; SCYC1; Cytokine SCM-1; Lymphotoxin; Small-inducible cytokine C1; ATAC; SCM1A; SCM-1a; LPTN; XC chemokine ligand 1; SCM-1; SCM-1-alpha; SCM1; LTN

Application Instructions

Assay Time	~ 5 hours
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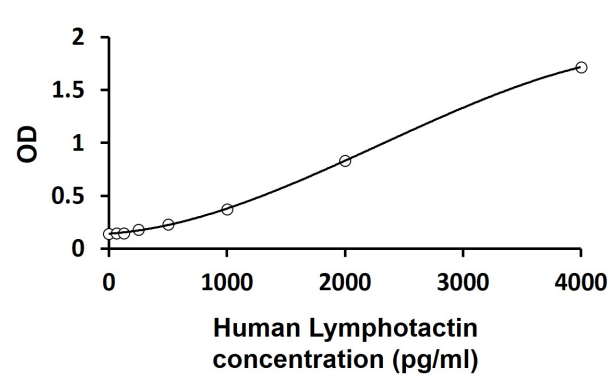
Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	XCL1
Gene Full Name	chemokine (C motif) ligand 1
Background	This antimicrobial gene encodes a member of the chemokine superfamily. Chemokines function in inflammatory and immunological responses, inducing leukocyte migration and activation. The encoded protein is a member of the C-chemokine subfamily, retaining only two of four cysteines conserved in other chemokines, and is thought to be specifically chemotactic for T cells. This gene and a closely related family member are located on the long arm of chromosome 1. [provided by RefSeq, Sep 2014]
Function	Chemotactic activity for lymphocytes but not for monocytes or neutrophils. [UniProt]
Highlight	Related products: Lymphotoxin antibodies ; Lymphotoxin ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Images



ARG81459 Human Lymphotoxin ELISA Kit standard curve image

ARG81459 Human Lymphotoxin ELISA Kit results of a typical standard run with optical density reading at 450 nm.