

## ARG81745 Mouse Lymphotactin ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

| Cat. No.     | Component Name                        | Package              | Temp  |
|--------------|---------------------------------------|----------------------|---|
| ARG81745-001 | Antibody-coated microplate            | 8 X 12 strips        | 4°C. Unused strips should be sealed tightly in the air-tight pouch. |
| ARG81745-002 | Standard                              | 2 X 10 ng/vial       | 4°C   |
| ARG81745-003 | Standard/Sample diluent               | 30 ml (Ready to use) | 4°C   |
| ARG81745-004 | Antibody conjugate concentrate (100X) | 1 vial (100 µl)      | 4°C   |
| ARG81745-005 | Antibody diluent buffer               | 12 ml (Ready to use) | 4°C   |
| ARG81745-006 | HRP-Streptavidin concentrate (100X)   | 1 vial (100 µl)      | 4°C   |
| ARG81745-007 | HRP-Streptavidin diluent buffer       | 12 ml (Ready to use) | 4°C   |
| ARG81745-008 | 25X Wash buffer                       | 20 ml                | 4°C   |
| ARG81745-009 | TMB substrate                         | 10 ml (Ready to use) | 4°C (Protect from light)  |
| ARG81745-010 | STOP solution                         | 10 ml (Ready to use) | 4°C   |
| ARG81745-011 | Plate sealer                          | 4 strips             | Room temperature  |

### Summary

|                     |   |
|---------------------|---|
| Product Description | ARG81745 Mouse Lymphotactin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse Lymphotactin in serum, plasma (heparin, EDTA) and cell culture supernatants. |
| Tested Reactivity   | Ms  |
| 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: 5.1%; Inter-Assay CV: 5.9%  |
| Alternate Names | Lymphotoxin; C motif chemokine 1; SCYC1; Cytokine SCM-1; Lymphotoctin; 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

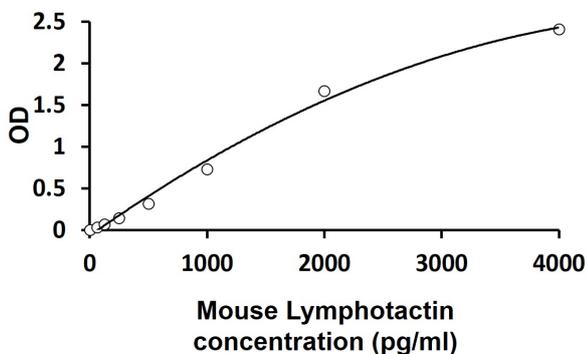
## Properties

|                     |  |
|---------------------|--|
| 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:<br><a href="#">Lymphotoctin antibodies</a> ; <a href="#">Lymphotoctin ELISA Kits</a> ;<br>New ELISA data calculation tool:<br><a href="#">Simplify the ELISA analysis by GainData</a>   |

## Images



ARG81745 Mouse Lymphotoctin ELISA Kit standard curve image

ARG81745 Mouse Lymphotoctin ELISA Kit results of a typical standard run with optical density reading at 450 nm.