

ARG81507 Human CCL16 / LEC ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81507-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81507-002	Standard	2 X 10 ng/vial	4°C
ARG81507-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81507-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81507-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81507-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81507-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81507-008	25X Wash buffer	20 ml	4°C
ARG81507-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81507-010	STOP solution	10 ml (Ready to use)	4°C
ARG81507-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81507 Human CCL16 / LEC ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CCL16 / LEC 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	CCL16 / LEC
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	3.9 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	7.8 - 500 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 6.0% Inter-Assay CV: 6.8%
Alternate Names	CKb12; HCC-4; LEC; Monotactin-1; SCYA16; Chemokine LEC; MTN-1; SCYL4; Mtn-1; Lymphocyte and monocyte chemoattractant; Small-inducible cytokine A16; Liver-expressed chemokine; IL-10-inducible chemokine; C-C motif chemokine 16; NCC4; LCC-1; ILINCK; LMC; Chemokine CC-4; NCC-4

Application Instructions

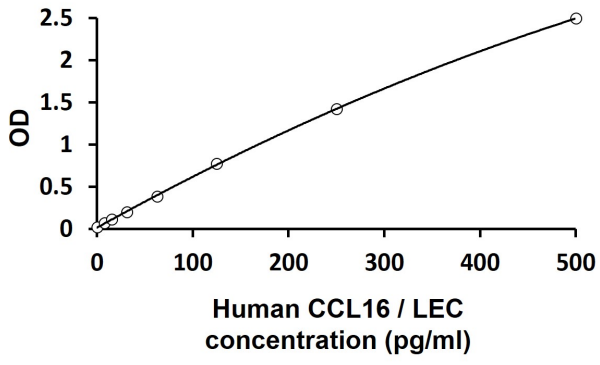
Assay Time	~ 5 hours
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Properties

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	CCL16
Gene Full Name	chemokine (C-C motif) ligand 16
Background	This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for lymphocytes and monocytes but not for neutrophils. This cytokine also shows a potent myelosuppressive activity and suppresses proliferation of myeloid progenitor cells. The expression of this gene is upregulated by IL-10. [provided by RefSeq, Jul 2008]
Function	Shows chemotactic activity for lymphocytes and monocytes but not neutrophils. Also shows potent myelosuppressive activity, suppresses proliferation of myeloid progenitor cells. Recombinant SCYA16 shows chemotactic activity for monocytes and THP-1 monocytes, but not for resting lymphocytes and neutrophils. Induces a calcium flux in THP-1 cells that were desensitized by prior expression to RANTES. [UniProt]
Highlight	Related products: CCL16 antibodies ; CCL16 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData



ARG81507 Human CCL16 / LEC ELISA Kit standard curve image

ARG81507 Human CCL16 / LEC ELISA Kit results of a typical standard run with optical density reading at 450 nm.