

ARG81709 Mouse CCL27 / CTACK ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81709-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81709-002	Standard	2 X 10 ng/vial	4°C
ARG81709-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81709-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81709-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81709-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81709-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81709-008	25X Wash buffer	20 ml	4°C
ARG81709-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81709-010	STOP solution	10 ml (Ready to use)	4°C
ARG81709-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81709 Mouse CCL27 / CTACK ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse CCL27 / CTACK 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	CCL27 / CTACK
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: 5.6%; Inter-Assay CV: 6.8%
Alternate Names	ILC; SCYA27; CTACK; Cutaneous T-cell-attracting chemokine; CTAK; PESKY; ESKine; Skinkine; ESKINE; Small-inducible cytokine A27; IL-11 R-alpha-locus chemokine; C-C motif chemokine 27; ALP; CC chemokine ILC

Application Instructions

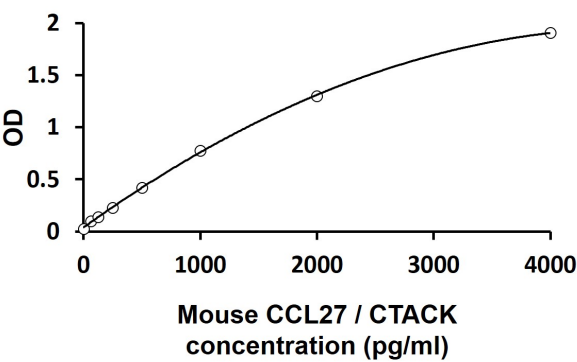
Assay Time	~ 5 hours
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Properties

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	CCL27
Gene Full Name	chemokine (C-C motif) ligand 27
Background	This gene is one of several CC cytokine genes clustered on the p-arm of chromosome 9. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The protein encoded by this gene is chemotactic for skin-associated memory T lymphocytes. This cytokine may also play a role in mediating homing of lymphocytes to cutaneous sites. It specifically binds to chemokine receptor 10 (CCR10). Studies of a similar murine protein indicate that these protein-receptor interactions have a pivotal role in T cell-mediated skin inflammation. [provided by RefSeq, Sep 2014]
Function	Chemotactic factor that attracts skin-associated memory T-lymphocytes. May play a role in mediating homing of lymphocytes to cutaneous sites. Binds to CCR10. [UniProt]
Highlight	Related products: CCL27 antibodies ; CCL27 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData



ARG81709 Mouse CCL27 / CTACK ELISA Kit standard curve image

ARG81709 Mouse CCL27 / CTACK ELISA Kit results of a typical standard run with optical density reading at 450 nm.