

# **Product datasheet**

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# ARG81678 Human CCL21 / Exodus 2 ELISA Kit

Package: 96 wells Store at: 4°C

## Component

Cat. No.	Component Name	Package	Temp
ARG81678-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81678-002	Standard	2 X 10 ng/vial	4°C
ARG81678-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81678-004	Antibody conjugate concentrate (100X)	1 vial (100 μl)	4°C
ARG81678-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81678-006	HRP-Streptavidin concentrate (100X)	1 vial (100 μl)	4°C
ARG81678-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81678-008	25X Wash buffer	20 ml	4°C
ARG81678-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81678-010	STOP solution	10 ml (Ready to use)	4°C
ARG81678-011	Plate sealer	4 strips	Room temperature

## **Summary**

Product Description	ARG81678 Human CCL21 / Exodus 2 ELISA Kit is an Enzyme Immunoassay kit for the quantification of
	Human CCL21 / Evodus 2 in serum, plasma (henarin, EDTA) and cell culture supernatants

Human CCL21 / Exodus 2 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 CCL21 / Exodus 2

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 μΙ Precision Intra-Assay CV: 5.2%; Inter-Assay CV: 5.8%

Alternate Names TCA4; Small-inducible cytokine A21; Beta-chemokine exodus-2; ECL; SCYA21; Secondary lymphoid-

tissue chemokine; CKb9; 6Ckine; C-C motif chemokine 21; SLC

### **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

CCL21

Gene Full Name

chemokine (C-C motif) ligand 21

Background

This antimicrobial 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. Similar to other chemokines the protein encoded by this gene inhibits hemopoiesis and stimulates chemotaxis. This protein is chemotactic in vitro for thymocytes and activated T cells, but not for B cells, macrophages, or neutrophils. The cytokine encoded by this gene may also play a role in mediating homing of lymphocytes to secondary lymphoid organs. It is a high affinity functional ligand for chemokine receptor 7 that is expressed on T and B lymphocytes and a known receptor for another member of the cytokine family (small inducible cytokine A19). [provided by RefSeq, Sep 2014]

Function

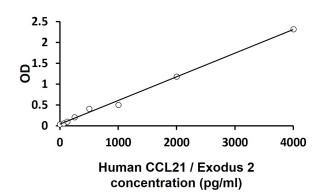
Inhibits hemopoiesis and stimulates chemotaxis. Chemotactic in vitro for thymocytes and activated T-cells, but not for B-cells, macrophages, or neutrophils. Shows preferential activity towards naive T-cells. May play a role in mediating homing of lymphocytes to secondary lymphoid organs. Binds to atypical chemokine receptor ACKR4 and mediates the recruitment of beta-arrestin (ARRB1/2) to ACKR4.

[UniProt]

Highlight

Related products:

CCL21 antibodies; CCL21 ELISA Kits; New ELISA data calculation tool: Simplify the ELISA analysis by GainData



## ARG81678 Human CCL21 / Exodus2 ELISA Kit standard curve image

ARG81678 Human CCL21 / Exodus2 ELISA Kit results of a typical standard run with optical density reading at 450 nm.