

ARG81528 Human CCL23 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81528-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81528-002	Standard	2 X 10 ng/vial	4°C
ARG81528-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81528-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81528-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81528-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81528-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81528-008	25X Wash buffer	20 ml	4°C
ARG81528-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81528-010	STOP solution	10 ml (Ready to use)	4°C
ARG81528-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81528 Human CCL23 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CCL23 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	CCL23
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15.6 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 7.2% Inter-Assay CV: 8.3%
Alternate Names	Ckb-8-1; CK-beta-8; CKB-8; 27-99; CK-BETA-8; 30-99; SCYA23; Ckb8; 22-99; Small-inducible cytokine A23; C-C motif chemokine 23; MPIF-1; hmrp-2a; MIP3; Myeloid progenitor inhibitory factor 1; Macrophage inflammatory protein 3; 19-99; Ckb-8; MIP-3

Application Instructions

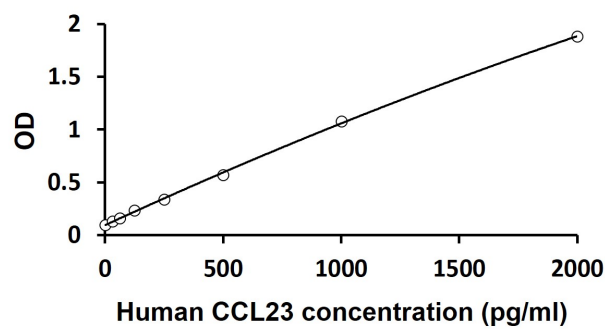
Assay Time	~ 5 hours
------------	-----------

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	CCL23
Gene Full Name	chemokine (C-C motif) ligand 23
Background	This gene is one of several chemokine genes clustered on the q-arm of chromosome 17. Chemokines form a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of the N-terminal cysteine residues of the mature peptide. This chemokine, a member of the CC subfamily, displays chemotactic activity on resting T lymphocytes and monocytes, lower activity on neutrophils and no activity on activated T lymphocytes. The protein is also a strong suppressor of colony formation by a multipotential hematopoietic progenitor cell line. In addition, the product of this gene is a potent agonist of the chemokine (C-C motif) receptor 1. Alternative splicing results in multiple transcript variants that encode different isoforms. [provided by RefSeq, Jul 2013]
Function	Shows chemotactic activity for monocytes, resting T-lymphocytes, and neutrophils, but not for activated lymphocytes. Inhibits proliferation of myeloid progenitor cells in colony formation assays. This protein can bind heparin. Binds CCR1. CCL23(19-99), CCL23(22-99), CCL23(27-99), CCL23(30-99) are more potent chemoattractants than the small-inducible cytokine A23. [UniProt]
Highlight	Related products: CCL23 antibodies ; CCL23 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData



ARG81528 Human CCL23 ELISA Kit standard curve image

ARG81528 Human CCL23 ELISA Kit results of a typical standard run with optical density reading at 450 nm.