

ARG81436 Human CCL28 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81436-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81436-002	Standard	2 X 10 ng/vial	4°C
ARG81436-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81436-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81436-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81436-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81436-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81436-008	25X Wash buffer	20 ml	4°C
ARG81436-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81436-010	STOP solution	10 ml (Ready to use)	4°C
ARG81436-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81436 Human CCL28 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CCL28 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	CCL28
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: 7.6%
Alternate Names	SCYA28; MEC; Mucosae-associated epithelial chemokine; CCK1; C-C motif chemokine 28; Small-inducible cytokine A28; Protein CCK1

Application Instructions

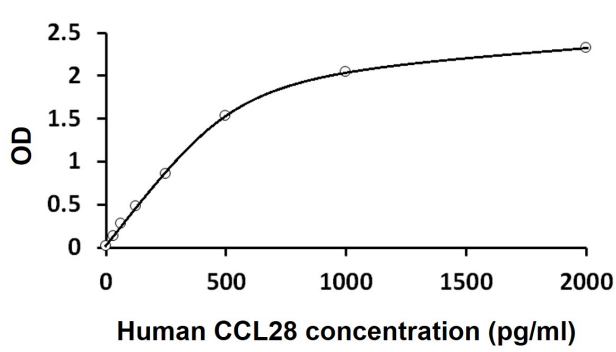
Assay Time	~ 5 hours
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Properties

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	CCL28
Gene Full Name	chemokine (C-C motif) ligand 28
Background	This antimicrobial gene belongs to the subfamily of small cytokine CC genes. 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 resting CD4 or CD8 T cells and eosinophils. The product of this gene binds to chemokine receptors CCR3 and CCR10. This chemokine may play a role in the physiology of extracutaneous epithelial tissues, including diverse mucosal organs. Multiple transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Sep 2014]
Function	Chemotactic activity for resting CD4, CD8 T-cells and eosinophils. Binds to CCR3 and CCR10 and induces calcium mobilization in a dose-dependent manner. [UniProt]
Highlight	Related products: CCL28 antibodies ; CCL28 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData



ARG81436 Human CCL28 ELISA Kit standard curve image

ARG81436 Human CCL28 ELISA Kit results of a typical standard run with optical density reading at 450 nm.