

ARG81435 Human MIP4 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81435-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81435-002	Standard	2 X 10 ng/vial	4°C
ARG81435-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81435-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81435-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81435-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81435-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81435-008	25X Wash buffer	20 ml	4°C
ARG81435-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81435-010	STOP solution	10 ml (Ready to use)	4°C
ARG81435-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81435 Human MIP4 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human MIP4 in serum and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	MIP4
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	3.9 pg/ml
Sample Type	Serum and cell culture supernatants.
Standard Range	7.8 - 500 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 6.7% Inter-Assay CV: 8.1%
Alternate Names	Small-inducible cytokine A18; 3-69; PARC; Alternative macrophage activation-associated CC chemokine 1; Macrophage inflammatory protein 4; SCYA18; Dendritic cell chemokine 1; CC chemokine PARC; 4-69; 1-68; C-C motif chemokine 18; DC-CK1; AMAC1; Pulmonary and activation-regulated chemokine; AMAC-1; DCCK1; MIP-4; CKb7

Application Instructions

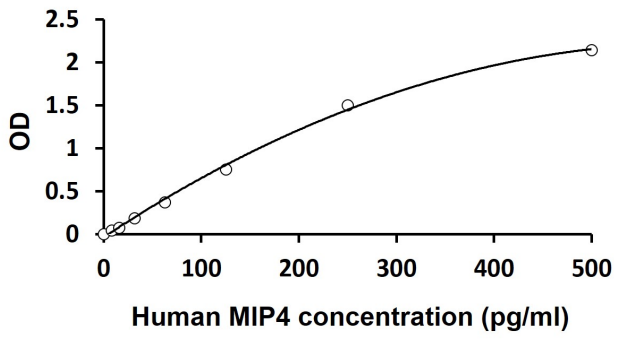
Assay Time	~ 5 hours
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Properties

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	CCL18
Gene Full Name	chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated)
Background	This antimicrobial gene is one of several Cys-Cys (CC) 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 naive T cells, CD4+ and CD8+ T cells and nonactivated lymphocytes, but not for monocytes or granulocytes. This chemokine attracts naive T lymphocytes toward dendritic cells and activated macrophages in lymph nodes. It may play a role in both humoral and cell-mediated immunity responses. [provided by RefSeq, Sep 2014]
Function	Chemotactic factor that attracts lymphocytes but not monocytes or granulocytes. May be involved in B-cell migration into B-cell follicles in lymph nodes. Attracts naive T-lymphocytes toward dendritic cells and activated macrophages in lymph nodes, has chemotactic activity for naive T-cells, CD4+ and CD8+ T-cells and thus may play a role in both humoral and cell-mediated immunity responses. [UniProt]
Highlight	Related products: MIP4 antibodies ; MIP4 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	The Cys-30/Cys-54 disulfide bond is required for activity. [UniProt]



ARG81435 Human MIP4 ELISA Kit standard curve image

ARG81435 Human MIP4 ELISA Kit results of a typical standard run with optical density reading at 450 nm.