ARG80192
Human CXCL9 / MIG ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG80192-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG80192-002	Standard (Lyophilized)	3 X 2 ng/vial	4°C
ARG80192-003	Standard diluent buffer	20 ml	4°C
ARG80192-004	Antibody conjugate concentrate	400 µl	4°C
ARG80192-005	Antibody diluent buffer	16 ml	4°C
ARG80192-006	HRP-Streptavidin concentrate	400 µl	4°C (Protect from light)
ARG80192-007	HRP-Streptavidin diluent buffer	16 ml	4°C
ARG80192-008	20X Wash buffer	50 ml	4°C
ARG80192-009	TMB substrate	12ml	4°C (Protect from light)
ARG80192-010	STOP solution	12ml	4°C
ARG80192-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG80192 Human CXCL9 / MIG ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CXCL9 / MIG in Serum, Plasma, Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with Human IL-8 , IL-12□mouse MIG
Target Name	CXCL9 / MIG
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	8 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl

Precision	CV: less than10%
Alternate Names	Small-inducible cytokine B9; crg-10; CMK; Humig; SCYB9; HuMIG; MIG; Gamma-interferon-induced monokine; Monokine induced by interferon-gamma; C-X-C motif chemokine 9

Application Instructions

Assay Time	4 hours

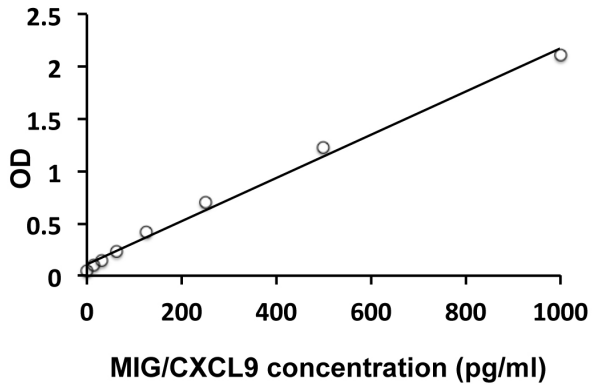
Properties

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

Database links	GeneID: 4283 Human Swiss-port # Q07325 Human
Gene Symbol	CXCL9
Gene Full Name	chemokine (C-X-C motif) ligand 9
Background	Chemokine (C-X-C motif) ligand 9 (CXCL9) is a small cytokine belonging to the CXC chemokine family that is also known as Monokine induced by gamma interferon (MIG). CXCL9 is a T-cell chemoattractant, which is induced by IFN-γ. It is closely related to two other CXC chemokines called CXCL10 and CXCL11, whose genes are located near the gene for CXCL9 on human chromosome 4.[1][2] CXCL9, CXCL10 and CXCL11 all elicit their chemotactic functions by interacting with the chemokine receptor CXCR3.
Highlight	Related products: CXCL antibodies; CXCL ELISA Kits; CXCL Duos / Panels; CXCL recombinant proteins; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Research Area	Immune System kit

Images



ARG80192 Human CXCL9 / MIG ELISA Kit standard curve image

ARG80192 Human CXCL9 / MIG ELISA Kit results of a typical standard run with optical density reading at 450 nm.