

ARG80220 Mouse CXCL10 / IP10 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG80220-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG80220-002	Standard (Lyophilized)	3 X 2 ng/vial	4°C
ARG80220-003	Standard diluent buffer	20 ml	4°C
ARG80220-004	Antibody conjugate concentrate	400 µl	4°C
ARG80220-005	Antibody diluent buffer	16 ml	4°C
ARG80220-006	HRP-Streptavidin concentrate	400 µl	4°C (Protect from light)
ARG80220-007	HRP-Streptavidin diluent buffer	16 ml	4°C
ARG80220-008	20X Wash buffer	50 ml	4°C
ARG80220-009	TMB substrate	12ml	4°C (Protect from light)
ARG80220-010	STOP solution	12ml	4°C
ARG80220-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG80220 Mouse CXCL10 / IP10 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse IP10 / CXCL10 in Serum, Plasma, Cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with Human I-TAC IP-10, LIX/GCP-2, MIG, PF-4
Target Name	CXCL10 / IP10
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	3.9 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	7.8 - 500 pg/ml
Sample Volume	100 µl

Precision	CV: less than10%
Alternate Names	gIP-10; INP10; 10 kDa interferon gamma-induced protein; IP-10; C-X-C motif chemokine 10; 1-73; Small-inducible cytokine B10; IFI10; Gamma-IP10; SCYB10; crg-2; C7; mob-1

Application Instructions

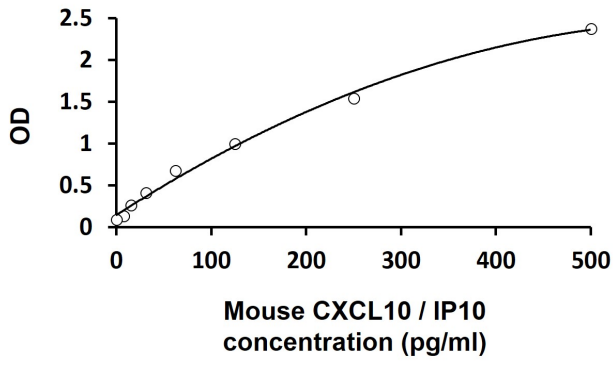
Assay Time	4 hours
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Properties

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

Database links	GeneID: 15945 Mouse Swiss-port # P17515 Mouse
Gene Symbol	Cxcl10
Gene Full Name	chemokine (C-X-C motif) ligand 10
Background	This gene encodes a chemokine of the CXC subfamily and ligand for the receptor CXCR3. Binding of this protein to CXCR3 results in pleiotropic effects, including stimulation of monocytes, natural killer and T-cell migration, and modulation of adhesion molecule expression. [provided by RefSeq]
Highlight	<p>Related products: CXCL10 antibodies; CXCL10 ELISA Kits; CXCL10 recombinant proteins;</p> <p>Related news: circNDUFB2, a circular RNA (circRNA), activates anti-tumor immunity</p> <p>New ELISA data calculation tool: Simplify the ELISA analysis by GainData</p>
Research Area	Cancer kit; Immune System kit
PTM	CXCL10(1-73) is produced by proteolytic cleavage after secretion from keratinocytes.



ARG80220 Mouse CXCL10 / IP10 ELISA Kit standard curve image

ARG80220 Mouse CXCL10 / IP10 ELISA Kit results of a typical standard run with optical density reading at 450 nm.