

ARG81728 Mouse CXCL16 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81728-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81728-002	Standard	2 X 10 ng/vial	4°C
ARG81728-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81728-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81728-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81728-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81728-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81728-008	25X Wash buffer	20 ml	4°C
ARG81728-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81728-010	STOP solution	10 ml (Ready to use)	4°C
ARG81728-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81728 Mouse CXCL16 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse CXCL16 in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	CXCL16
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	7.8 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.2%; Inter-Assay CV: 5.7%
Alternate Names	Transmembrane chemokine CXCL16; CXCLG16; C-X-C motif chemokine 16; SRPSOX; Scavenger receptor for phosphatidylserine and oxidized low density lipoprotein; SR-PSOX; Small-inducible cytokine B16

Application Instructions

Assay Time ~ 5 hours

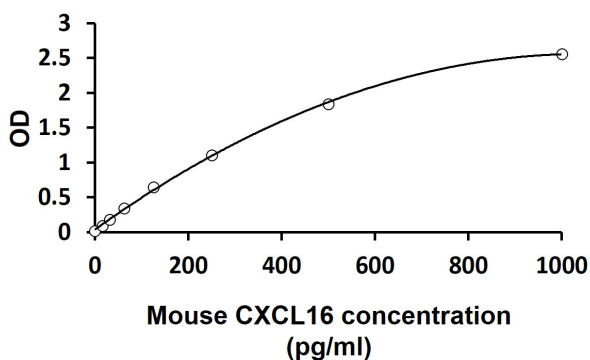
Properties

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	CXCL16
Gene Full Name	chemokine (C-X-C motif) ligand 16
Function	Acts as a scavenger receptor on macrophages, which specifically binds to OxLDL (oxidized low density lipoprotein), suggesting that it may be involved in pathophysiology such as atherogenesis (By similarity). Induces a strong chemotactic response. Induces calcium mobilization. Binds to CXCR6/Bonzo. [UniProt]
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
PTM	Glycosylated. [UniProt]

Images



ARG81728 Mouse CXCL16 ELISA Kit standard curve image

ARG81728 Mouse CXCL16 ELISA Kit results of a typical standard run with optical density reading at 450 nm.