

ARG81647 Rat CX3CL1 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81647-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81647-002	Standard	2 X 20 ng/vial	4°C
ARG81647-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81647-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81647-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81647-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81647-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81647-008	25X Wash buffer	20 ml	4°C
ARG81647-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81647-010	STOP solution	10 ml (Ready to use)	4°C
ARG81647-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81647 Rat CX3CL1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Rat CX3CL1 in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Rat
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	CX3CL1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	156 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	312 - 20000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 6.1%; Inter-Assay CV: 7.0%
Alternate Names	neurotactin; CXC3; C3Xkine; NTN; NTT; C-X3-C motif chemokine 1; CXC3C; Neurotactin; ABCD-3; SCYD1; Fractalkine; Small-inducible cytokine D1; CX3C membrane-anchored chemokine; fractalkine

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	CX3CL1
Gene Full Name	chemokine (C-X3-C motif) ligand 1
Function	The soluble form is chemotactic for T-cells and monocytes, but not for neutrophils. The membrane-bound form promotes adhesion of those leukocytes to endothelial cells. May play a role in regulating leukocyte adhesion and migration processes at the endothelium. Binds to CX3CR1. [UniProt]
Highlight	Related products: CX3CL1 antibodies ; CX3CL1 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	A soluble short 95 kDa form may be released by proteolytic cleavage from the long membrane-anchored form. O-glycosylated with core 1 or possibly core 8 glycans. [UniProt]

Images

