ARG80188
Human CXCL16 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG80188-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG80188-002	Standard (Lyophilized)	3 X 3 ng/vial	4°C
ARG80188-003	Standard diluent buffer	20 ml	4°C
ARG80188-004	Antibody conjugate concentrate	400 µl	4°C
ARG80188-005	Antibody diluent buffer	16 ml	4°C
ARG80188-006	HRP-Streptavidin concentrate	400 µl	4°C (Protect from light)
ARG80188-007	HRP-Streptavidin diluent buffer	16 ml	4°C
ARG80188-008	20X Wash buffer	50 ml	4°C
ARG80188-009	TMB substrate	12ml	4°C (Protect from light)
ARG80188-010	STOP solution	12ml	4°C
ARG80188-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG80188 Human CXCL16 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CXCL16 in serum, plasma and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with Human GRO (aa 35-107)mouse BLC/BCA-1 IL-8 6Ckine, CTACK Lymphotactin CXCL16
Target Name	CXCL16
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	4 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	7.8 - 500 pg/ml

Sample Volume	100 µl
Precision	CV: less than10%
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	4 hours

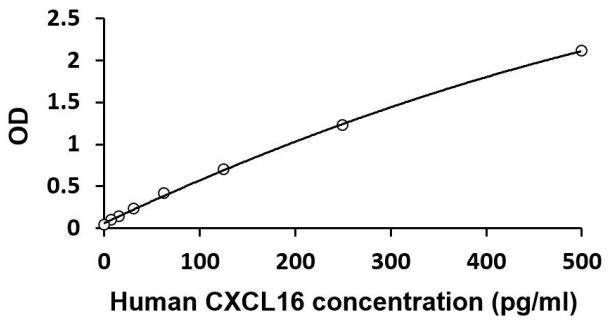
Properties

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: 58191 Human Swiss-port # Q9H2A7 Human
Gene Symbol	CXCL16
Gene Full Name	chemokine (C-X-C motif) ligand 16
Background	CXCL16 is a member of the CXC chemokine family and signals through the CXCR6 receptor. CXCL16 may play a role in attracting lymphocyte subsets during inflammation and may facilitate certain immune responses. The chemokine domain of CXCL16 contains six cysteine residues including the four highly conserved cysteine residues characteristic of CXC chemokines. The CXCL16 gene codes for a 273 amino acid polypeptide, which includes a 29 amino acid cytoplasmic domain and transmembrane sequence containing approximately 20 amino acids. The extracellular portion of CXCL16 contains a chemokines domain and an extended C-terminal mucin-like stalk sequence. The extracellular domain contains 89 amino acid residues (86 a.a. residues for the murine homolog). Recombinant human CXCL16 is a 10.1 kDa protein containing 89 amino acid residues.
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
PTM	Glycosylated.

Images



ARG80188 Human CXCL16 ELISA Kit standard curve image

ARG80188 Human CXCL16 ELISA Kit results of a typical standard run with optical density reading at 450 nm.