

ARG80146 Human CXCL4 / PF4 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG80146-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG80146-002	Standard (Lyophilized)	3 X 4 ng/vial	4°C
ARG80146-003	Standard diluent buffer	20 ml	4°C
ARG80146-004	Antibody conjugate concentrate	400 µl	4°C
ARG80146-005	Antibody diluent buffer	16 ml	4°C
ARG80146-006	HRP-Streptavidin concentrate	400 µl	4°C (Protect from light)
ARG80146-007	HRP-Streptavidin diluent buffer	16 ml	4°C
ARG80146-008	20X Wash buffer	50 ml	4°C
ARG80146-009	TMB substrate	12ml	4°C (Protect from light)
ARG80146-010	STOP solution	12ml	4°C
ARG80146-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG80146 Human CXCL4 / PF4 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CXCL4 / PF4 in Serum, Plasma, Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with Human GRO alpha, GRO beta, mouse PF4
Target Name	CXCL4 / PF4
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	15.6 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	31.25 - 2000 pg/ml
Sample Volume	100 µl

Precision	CV: less than 10%
Alternate Names	Platelet factor 4; Iroplact; CXCL4; C-X-C motif chemokine 4; Oncostatin-A; SCYB4; PF-4

Application Instructions

Assay Time	4 hours
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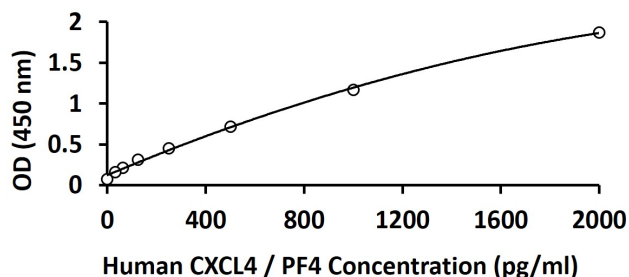
Properties

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: 5196 Human Swiss-port # P02776 Human
Gene Symbol	PF4
Gene Full Name	platelet factor 4
Background	This gene encodes a member of the CXC chemokine family. This chemokine is released from the alpha granules of activated platelets in the form of a homotetramer which has high affinity for heparin and is involved in platelet aggregation. This protein is chemotactic for numerous other cell type and also functions as an inhibitor of hematopoiesis, angiogenesis and T-cell function. [provided by RefSeq, Mar 2012]
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	Cell Biology and Cellular Response kit; Immune System kit

Images



ARG80146 Human CXCL4 / PF4 ELISA Kit standard curve image

ARG80146 Human CXCL4 / PF4 ELISA Kit results of a typical standard run with optical density reading at 450 nm.