

ARG81619 Human Properdin ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81619-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81619-002	Standard	2 X 20 ng/vial	4°C
ARG81619-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81619-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81619-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81619-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81619-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81619-008	25X Wash buffer	20 ml	4°C
ARG81619-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81619-010	STOP solution	10 ml (Ready to use)	4°C
ARG81619-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81619 Human Properdin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Properdin in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	Properdin
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: 5.0% Inter-Assay CV: 5.4%
Alternate Names	PFC; PFD; BFD; PROPERDIN; Complement factor P; Properdin

Application Instructions

Assay Time	~ 5 hours
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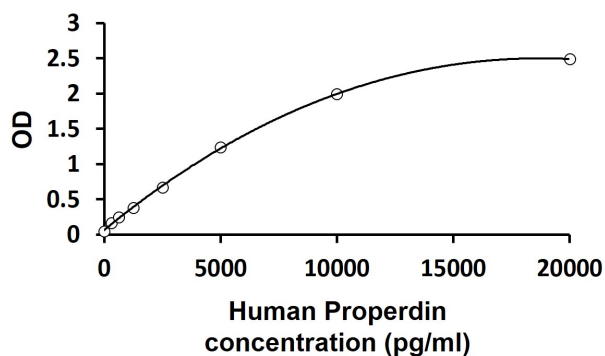
Properties

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	CFP
Gene Full Name	complement factor properdin
Background	This gene encodes a plasma glycoprotein that positively regulates the alternative complement pathway of the innate immune system. This protein binds to many microbial surfaces and apoptotic cells and stabilizes the C3- and C5-convertase enzyme complexes in a feedback loop that ultimately leads to formation of the membrane attack complex and lysis of the target cell. Mutations in this gene result in two forms of properdin deficiency, which results in high susceptibility to meningococcal infections. Multiple alternatively spliced variants, encoding the same protein, have been identified.[provided by RefSeq, Feb 2009]
Function	A positive regulator of the alternate pathway of complement. It binds to and stabilizes the C3- and C5-convertase enzyme complexes. [UniProt]
Highlight	Related products: Properdin antibodies ; Properdin ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Images



ARG81619 Human Properdin ELISA Kit standard curve image

ARG81619 Human Properdin ELISA Kit results of a typical standard run with optical density reading at 450 nm.