

ARG81471 Human Pentraxin 3 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81471-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81471-002	Standard	2 X 20 ng/vial	4°C
ARG81471-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81471-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81471-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81471-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81471-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81471-008	25X Wash buffer	20 ml	4°C
ARG81471-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81471-010	STOP solution	10 ml (Ready to use)	4°C
ARG81471-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81471 Human Pentraxin 3 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Pentraxin 3 in serum, plasma (EDTA), saliva and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	Pentraxin 3
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	156 pg/ml
Sample Type	Serum, plasma (EDTA), saliva and cell culture supernatants.
Standard Range	312 - 20000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.5% Inter-Assay CV: 5.8%
Alternate Names	TNFAIP5; TSG-14; Tumor necrosis factor alpha-induced protein 5; Pentaxin-related protein PTX3; Pentraxin-related protein PTX3; Tumor necrosis factor-inducible gene 14 protein; TNF alpha-induced protein 5

Application Instructions

Assay Time	~ 5 hours
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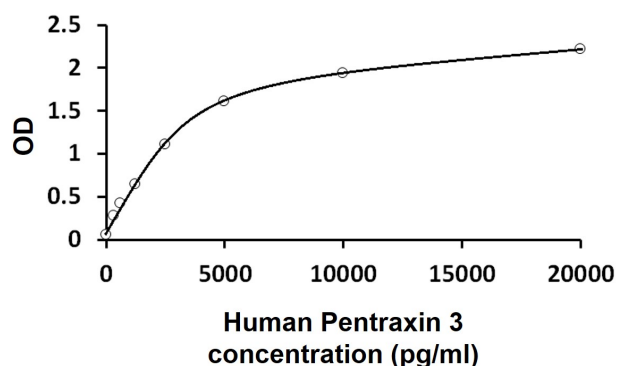
Properties

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	PTX3
Gene Full Name	pentraxin 3, long
Function	Plays a role in the regulation of innate resistance to pathogens, inflammatory reactions, possibly clearance of self-components and female fertility. [UniProt]
Highlight	Related products: Pentraxin antibodies ; Pentraxin ELISA Kits ; Pentraxin Duos / Panels ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	Glycosylated. [UniProt]

Images



ARG81471 Human Pentraxin 3 ELISA Kit standard curve image

ARG81471 Human Pentraxin 3 ELISA Kit results of a typical standard run with optical density reading at 450 nm.