

## ARG80195 Human C Reactive Protein ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG80195-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG80195-002	Standard (Lyophilized)	3 X 100 ng/vial	4°C
ARG80195-003	Standard diluent buffer	20 ml	4°C
ARG80195-004	Antibody conjugate concentrate	400 µl	4°C
ARG80195-005	Antibody diluent buffer	16 ml	4°C
ARG80195-006	HRP-Streptavidin concentrate	400 µl	4°C (Protect from light)
ARG80195-007	HRP-Streptavidin diluent buffer	16 ml	4°C
ARG80195-008	20X Wash buffer	50 ml	4°C
ARG80195-009	TMB substrate	12ml	4°C (Protect from light)
ARG80195-010	STOP solution	12ml	4°C
ARG80195-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG80195 Human C Reactive Protein ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CRP in Serum, Plasma, Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with Human Pentraxin 2, Pentraxin 3, mouse CRP, rat CRP, porcine CRP
Target Name	C Reactive Protein
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	1.6 ng/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	3.125 - 200 ng/ml

Sample Volume	100 µl
Precision	CV: less than10%
Alternate Names	1-205; PTX1; C-reactive protein

## Application Instructions

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Assay Time	4 hours
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## Properties

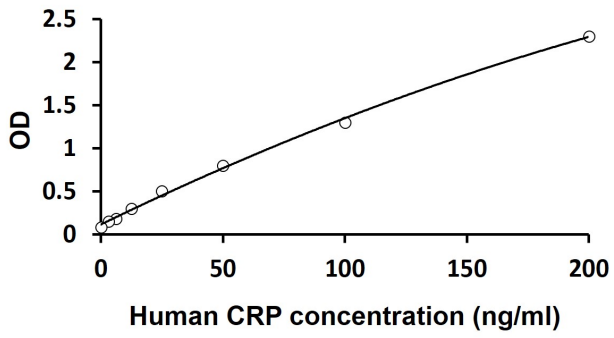
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Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links	<a href="#">GeneID: 1401 Human</a> <a href="#">Swiss-port # P02741 Human</a>
Gene Symbol	CRP
Gene Full Name	C-reactive protein, pentraxin-related
Background	The protein encoded by this gene belongs to the pentaxin family. It is involved in several host defense related functions based on its ability to recognize foreign pathogens and damaged cells of the host and to initiate their elimination by interacting with humoral and cellular effector systems in the blood. Consequently, the level of this protein in plasma increases greatly during acute phase response to tissue injury, infection, or other inflammatory stimuli. [provided by RefSeq, Sep 2009]
Highlight	Related products: <a href="#">C Reactive Protein antibodies</a> ; <a href="#">C Reactive Protein ELISA Kits</a> ; <a href="#">C Reactive Protein Duos / Panels</a> ; New ELISA data calculation tool: <a href="#">Simplify the ELISA analysis by GainData</a>
Research Area	Cell Biology and Cellular Response kit; Cell Death kit; Gene Regulation kit; Immune System kit; Metabolism kit



ARG80195 Human C Reactive Protein ELISA Kit standard curve image

ARG80195 Human C Reactive Protein ELISA Kit results of a typical standard run with optical density reading at 450 nm.