

Product datasheet for **EA200010**

High Sensitivity Human CRP ELISA KIT (1 x 96 wells)

Product data:

Product Type:	ELISA Kits
Description:	Human CRP ELISA Kit for the detection of Human CRP in serum, plasma and other biological fluids.
Size:	1 x 96 wells
Format:	8x12 divisible strips
Assay Type:	Sandwich ELISA kit of Quantitative Detection for Human CRP
Assay Length:	4 hours incubations; 1 hour washing and analyzing samples
Signal:	Colorimetric
Curve Range:	78pg/ml-5000pg/ml
Sample Type:	Human serum, plasma and other biological fluids.
Sample Volume:	100µl
Specificity:	This kit is used for quantitative detection of Human CRP
Sensitivity:	35pg/ml
Reactivity:	Human
Cross Reactivity:	There is no detectable cross-reactivity with other relevant proteins.
Interference:	No significant interference observed with available related molecules.
Components:	<ul style="list-style-type: none">• CRP Antibody Coated 96-well Plate in foil pouch with desiccant 1 plate• Human Native CRP Standard (250ng/ml) 0.1 mL• 100x Biotinylated Human CRP Detection Antibody 0.12 mL• 100x Peroxidase Conjugate 0.12 mL• Assay Buffer 30 mL• Sample Diluent 60 mL• Wash Buffer Concentrate 20X 60 mL• TMB Substrate 12 mL• Stop Solution 12 mL



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Background:

C-Reactive Protein (CRP), also known as Pentraxin 1, is a non-glycosylated protein in the Pentraxin family. CRP assembles non-covalently into a 110-120 kDa cyclical pentamer. It functions as a sensor and activator of the innate immune response, and is involved in several host defense related functions. CRP is a major acute-phase protein which can be used as a general screening aid for inflammatory diseases, infections, and neoplastic diseases. The level of this protein in plasma increases greatly during acute phase response to tissue injury, infection, or other inflammatory stimuli. CRP has been considered as the most commonly used inflammatory biomarker. In addition, measurement of CRP by high-sensitivity CRP assays may add to the predictive value of other cardiac markers.

Gene Symbol:

CRP

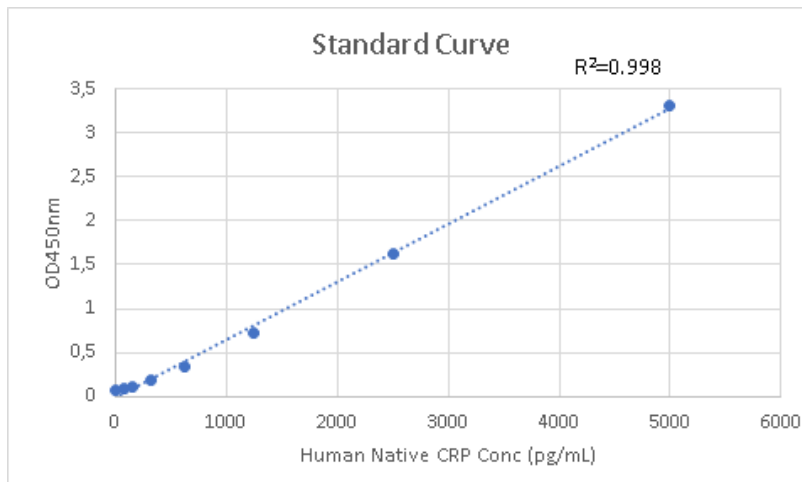
Gene ID:

1401

Standard Curve:

□
Data image for High Sensitivity Human CRP ELISA Kit.

Product images:



Data image for High Sensitivity Human CRP ELISA Kit.