

Product datasheet for **TA600565**

C Reactive Protein (CRP) Mouse Monoclonal Capture Antibody [Clone ID: OTI8G10]

Product data:

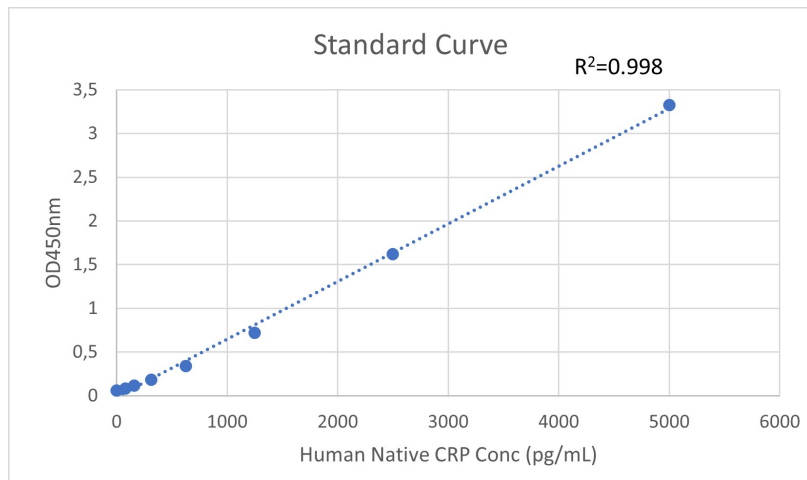
Product Type:	Primary Antibodies
Clone Name:	OTI8G10
Applications:	ELISA
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human CRP (NP_000558) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Predicted Protein Size:	25 kDa
Gene Name:	C-reactive protein
Database Link:	NP_000558 Entrez Gene 1401 Human P02741
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.



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Synonyms: PTX1
Matched ELISA Pair: TA700565
Protein Families: Secreted Protein

Product images:



CRP ELISA with 8G10 Capture (TA600565) and 6H6 Detection ([TA700565]) Antibodies. Standard protein used: Native Human CRP (Cat# Bio-Rad [PHP277]).