

CRP

Native Human C-Reactive Protein

Catalog No.	CRC009A CRC009C	Quantity:	1 mg 10 mg
Alternate Names:	C-reactive protein, CRP		
Description:	C-Reactive Protein (CRP) is a pentameric serum protein belonging to the pentraxin family that is comprised of five identical ~ 23 kDa subunits. CRP is a positive acute phase reactant, the levels of which increase modestly in humans in response to inflammation, tissue injury or disease. The acute phase response develops in a wide range of acute and chronic inflammatory conditions like bacterial, viral, or fungal infections; rheumatic and other inflammatory diseases; malignancy; and tissue injury or necrosis.		
UniProt ID:	P02741		
Source:	Human Pleural Fluid		
CRP Concentration:	1.0 - 5.0 mg/ml, lot specific by Roche Cobas c501		
Total Protein:	1.0 - 5.0 mg/ml, lot specific by A ₂₈₀		
Molecular Weight:	115 kDa		
Formulation:	Sterile-filtered 50 mM Tris-HCl, pH 7.0 containing 200 mM NaCl, and 0.09% sodium azide		
Purity:	≥99% by SDS PAGE		
Storage & Stability:	Store at 2-8 °C. DO NOT FREEZE.		
Certification:	Non-reactive for HIV-1/HCV/HBV by NAT, HbsAg, HCV Ab, HIV 1 and 2 Ab, and RPR by currently approved FDA methods. However, because no test method can offer complete assurance that infectious agents are absent, this material should be handled at the Bio-safety Level 2 (BSL 2) as recommended for any potentially infectious human serum of blood specimen in the CDC/NIH manual "Bio-safety in microbiological and Biomedical Laboratories", 2009.		

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