9051 Mira Mesa Blvd, #910094
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CRP Human

C-Reactive Protein Human
RCP0536

Product Overview

Name	CRP Human
Description	
C-Reactive Protein Human	
Accession (Primary)	P02741
Synonyms	
C-reactive protein, CRP, PTX1, MGC88244, MGC149895.	
Introduction	
CRP is an acute phase protein that correlates with inflammatory disease and is synthesized by hepatocytes during the acute phase response by certain cytokines (IL-1 and TNF Alpha and Beta). CRP levels increase dramatically (up to 1,000 fold) and serve as a useful marker of inflammation in such conditions as bacterial infection, rheumatoid arthritis, viral infections, transplantation rejection, meningitis, myocardial infarction, septicemia, osteomyelitis and others. CRP is also highly correlated to Serum Amyloid A levels.	
Source	
Human Plasma.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The protein solution is in 20mM TRIS buffer pH 8.0 containing 0.28M NaCl, 0.09% NaN3 and 5mM CaCl2.	
Stability	
Human CRP should be stored at 2-8°C. Do not freeze!	
Purity	
Greater than 96.0%.	
Human Virus Test	
Starting material donor has been tested and certified negative for antibodies to HIV-1, HIV-2, HCV, HBSAG and HIV/HBV/HCV (PCR).	
References	
Title: Elevation of Intact and Proteolytic Fragments of Acute Phase Proteins Constitutes the Earliest Systemic Antiviral Response in HIV-1 Infection Publication: PLoS pathogens 6.5 (2010): e1000893. Link: CRP prospec publication	

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Precautions

CRP Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P02741)