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## Product Data Sheet

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Product Name: CRP Human  
Cat. No.: GP23233  
Batch No.: 1

### Product Data

Purity	>98%	Source	Human Plasma.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	C-reactive protein; CRP; PTX1; MGC88244; MGC149895.		
Formulation	The protein solution is in 20mM TRIS buffer pH 8.0 containing 0.28M NaCl, 0.09% NaN <sub>3</sub> and 5mM CaCl <sub>2</sub> .		

### 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.

### Stability

Human CRP should be stored at 2-8°C . Do not freeze!

### Background

Human CRP produced in Human plasma having a molecular mass of 114 kDa. It can be used as a marker for inflammation and also used for monitoring and prediction of future events in coronary artery disease.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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