



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and Data Sheet Human C-Reactive Protein

Catalog No.
228-10278

Source:
Human Plasma

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.

Description:

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.

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.

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.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**