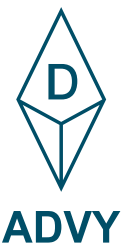


Native Antigens

C Reactive Protein

Product Code : 00-AGN-AP-CRP-001



C reactive protein (CRP) is an annular, pentameric protein found in human plasma whose levels rise in response to inflammation. It is synthesised by the liver in response to factors released by macrophages and fat cells. CRP plays a major role in activating the complement system, and is mainly used as a cardiac and inflammation marker. It is used as a positive control in CRP test kit. It is also used for the manufacturing of calibrators and controls in various in vitro diagnostic kits. Additionally, CRP is utilised for manufacturing protein purification columns for the antigen affinity purification of anti-CRP and as a coating antigen for ELISA or agglutination assays.

Specifications:

PARAMETERS

Physical Appearance

CRP Concentration

(Immunoturbidimetry)

CRP Concentration (OD at 280nm)

Purity by SDS PAGE

Identity by Western Blot

Molecular Weight

Form

Storage buffer

Storage temperature

Shelf life

Anti HIV-1&2 (ELISA)

Anti HCV (ELISA)

HBsAg Antigen (ELISA)

HBV DNA (PCR)

HCV RNA (PCR)

HIV DNA (PCR)

Source

ACCEPTANCE CRITERIA

Clear Colourless Solution

1.3 to 3.0 mg/ml

1.3 to 3.0 mg/ml

> 99% Pure (Single band corresponding to Mol. Wt. Of 23kDa)

React specifically with anti-CRP antibodies

23 kDa

Liquid

Tris Saline with 15mM NaN₃, pH 8.0 ± 0.2

2 to 8°C

3 years

Negative

Negative

Negative

Not Detected

Not Detected

Not Detected

Human pleural fluid and ascitic fluid

For research use or further manufacturing purposes only

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