

CERTIFICATE OF ANALYSIS

HUMAN SERUM PROTEIN

Human C-Reactive Protein (CRP)

Code No.	P100-7N
Grade	Highly Pure
Lot No.	

RECEIVER INFORMATION

Expiry Date	Assign 3 year shelf life
Manufacture Date	
Storage Temperature	2-8°C. Product deteriorates rapidly if stored at higher temperature.
Storage Notes	Do not freeze.
Shipping Notes	Cool pack.

PRODUCT INFORMATION

Source	Normal human serum/plasma.
Nominal Purity	>96%.
Presentation	Single homogenous batch, 0.2µm filtered, supplied liquid in 20mM TRIS buffer, pH 8.0, containing 0.28M NaCl, 0.09% NaN ₃ and 5mM CaCl ₂ .
Recovery	In order to meet our customer needs, it should be noted that there is normally a dispensing overage allowance and the product recovery may, therefore, be greater than expected. (NB: Some vials may exhibit some white suspension, which should disperse on gentle mixing; this does not affect the quality of the product).

HEALTH AND SAFETY

Application	For Research and Manufacturing Only.
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Infectious Disease Tests

Starting material donor tested using FDA approved methods for:	Result
HIV 1 & 2 antibodies	
Hepatitis B Surface Antigen	
Hepatitis C virus antibodies	
HIV/HBV/HCV (PCR)	

Precaution	No test can guarantee the absence of an infectious agent. Please handle as potentially hazardous.
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Material Safety	For further information and technical details, please download a Safety Data Sheet at www.bbisolutions.com or contact your BBI Account Manager.
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ANALYSIS

TESTS	SPECIFICATIONS	RESULTS
<u>Determination Method</u>		
Optical Density at 280nm using $E_{(0.1\%,1cm)} = 1.8$	> 2.0 mg/ml.	mg/ml.
Polyacrylamide Gel Electrophoresis.	To show one band corresponding to CRP molecular weight at approximately 114kD.	Pass/Fail.
Immunological Activity using Siemens BN Prospec CardioPhase® hsCRP	To confirm identity and verify dispensing concentration.	Pass/Fail.
Bioburden.	< 10 CFU/ml.	Pass/Fail.
Physical Appearance	Clear colourless liquid	
Purity	Defined as a major band on Coomassie stained Polyacrylamide Gel Electrophoresis.	

Name:		Position:	
Signed:		Date:	