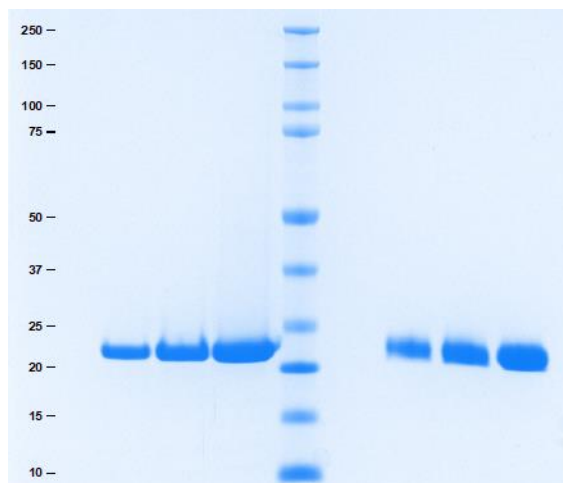


Gel Scan of Representative Lot C-Reactive Protein

ART Catalog No. 16-16-031816



SDS-PAGE

4-12% Bis-Tris gel, 1x MES

1. C-Reactive Protein 5 µg (Heated/Reduced)
2. C-Reactive Protein 10 µg (Heated/Reduced)
3. C-Reactive Protein 20 µg (Heated/Reduced)
4. Standard
5. Blank
6. C-Reactive Protein 5 µg (Not Heated/Non-Reduced)
7. C-Reactive Protein 10 µg (Not Heated/Non-Reduced)
8. C-Reactive Protein 20 µg (Not Heated/Non-Reduced)

Protein Determination:

Extinction Coefficient (E) = 1.75 (0.1% at 280 nm,
1 cm pathway)

Molecular Weight:

24,000 Da

Physical Specifications:

Form: Frozen

Purity: ≥ 95% by SDS-PAGE

Considerations:

Storage Conditions: ≤ -70 °C

Stability: > 1 year

Buffer:

Frozen in 20mM Tris, pH 8.0, with 280 mM NaCl,
5mM CaCl₂, and 0.05% sodium azide

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Active Bioscience GmbH
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D-22081 Hamburg
HRB 98170 Amtsgericht Hamburg

Product Datasheet

Product:	C-Reactive Protein
Catalog #:	16-16-031816
Form:	Frozen
Available Packaging:	100 µg and 1 mg. Larger aliquots are available upon request.
Buffer:	Frozen in 20mM Tris, pH 8.0, with 280 mM NaCl, 5mM CaCl ₂ , and 0.05% NaN ₃
Purity:	≥ 95% by SDS-PAGE
Molecular Weight:	24,000 Da
Protein Determination:	Extinction Coefficient (E) = 1.75 (0.1% at 280 nm, 1 cm pathway)
Storage/Handling:	≤ -70 °C
Stability:	>1 year
Source:	Human Plasma
Testing:	Donor material is obtained from suppliers that perform a comprehensive infectious disease screening panel. Each unit of plasma is tested by the supplier and found non-reactive for HIV-1/2, Hepatitis B surface antigen (HBsAg), Hepatitis C (HCV), Hepatitis A (HAV), and syphilis (RPR). Documentation of testing is maintained and is available upon request.

Product Link: <https://www.athensresearch.com/products/all/c-reactive-protein-human-plasma>

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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