

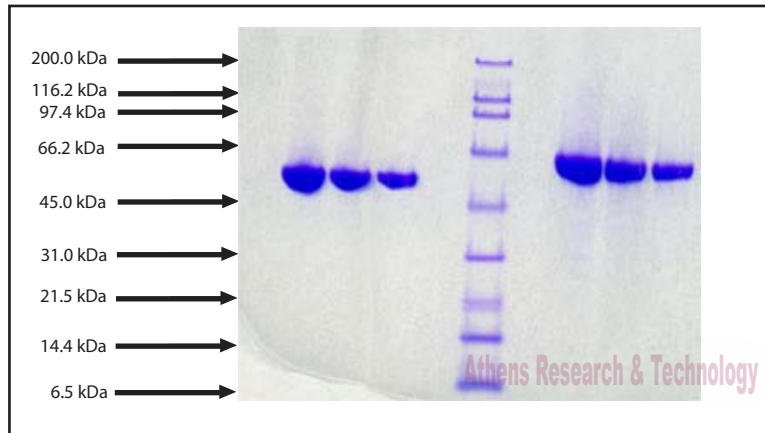
Athens Research & Technology

110 Trans Tech Drive Athens, GA 30601 USA
PHONE: 706-546-0207 • FAX: 706-546-7395 • EMAIL: ARTBIO@ATHENSRESEARCH.COM
www.athensresearch.com

Gel Scan of Representative Lot

Albumin, Cynomolgus Monkey Plasma

ART Catalog No. 16-16-011202-CM



SDS-PAGE: 1 2 3 4 5 6 7
4-12% Bis-Tris NuPAGE gel

1. Albumin - 20 μg (non-reduced / no heat)
2. Albumin - 10 μg (non-reduced / no heat)
3. Albumin - 5 μg (non-reduced / no heat)
4. BRMW Standard (BIO-RAD Cat. No. 161-0317)
5. Albumin - 20 μg (reduced / heat)
6. Albumin - 10 μg (reduced / heat)
7. Albumin - 5 μg (reduced / heat)

Molecular Weight: 66,000 Daltons

Protein Determination:

Extinction Coefficient (E) $\frac{0.1\% \text{ at } 280\text{nm}}{1\text{cm pathway}} = 0.58$

Biuret for final product calculations

Physical Specifications:

Lyophilized
Purity: $\geq 95\%$ by SDS-PAGE

Considerations:

Storage Conditions: $\leq -20^\circ\text{C}$

Stability > 1 year

Buffer: Salt-free lyophilized solid.

Virginia B. Patel PhD

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Product Datasheet

Product:	Albumin, Cynomolgus Monkey Plasma
Catalog Number:	16-16-011202-CM
Description:	Lyophilized
Buffer:	Salt-free lyophilized solid
Purity:	>=95% by SDS-PAGE
Molecular Weight:	66,000 Daltons
Protein Determination:	Extinction Coefficient (E) $\frac{0.1\% \text{ at } 280\text{nm}}{1\text{cm pathway}} = 0.58$
Storage:	<= -20° C
Stability:	>1 year
Available Packaging:	50 mg, 100mg, 500 mg, 1 gram per vial Larger aliquots upon request
Source:	Cynomolgus Monkey Plasma
Testing:	Donor monkeys have been individually tested for B-Virus (Herpes Virus Simiae) and found to be negative.

**Athens Research & Technology products are laboratory reagents and are not to be administered to humans or used for any drug purpose.
For research use or for use in further manufacturing.**