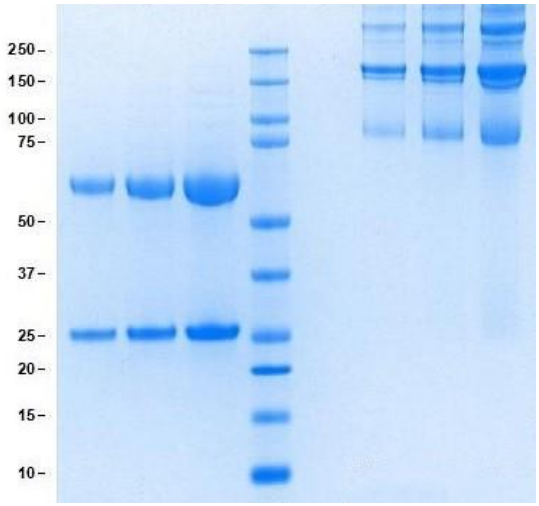
Gel Scan of Representative Lot
Immunoglobulin A1 (IgA1)

ART Catalog No. 16-16-090701-1M



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

1. Immunoglobulin A1 (IgA1) 5 µg (Heated/Reduced)
2. Immunoglobulin A1 (IgA1) 10 µg (Heated/Reduced)
3. Immunoglobulin A1 (IgA1) 20 µg (Heated/Reduced)
4. Standard
5. Blank
6. Immunoglobulin A1 (IgA1) 5 µg (Not Heated/Non-Reduced)
7. Immunoglobulin A1 (IgA1) 10 µg (Not Heated/Non-Reduced)
8. Immunoglobulin A1 (IgA1) 20 µg (Not Heated/Non-Reduced)

Protein Determination:
Extinction Coefficient (E) = 1.32 (0.1% at 280 nm, 1 cm pathway)

Molecular Weight:
160,000 Da

Physical Specifications:
Form: Frozen
Purity: ≥ 95% by SDS-PAGE. No reaction by IEP to IgA2 antiserum.

Considerations:
Storage Conditions: ≤ -20 °C
Stability**:** > 1 year

Buffer:
Frozen in 10 mM phosphate, pH 7.4, with 150 mM NaCl and 0.05% sodium azide.

Product Datasheet

Product:	**Immunoglobulin A1 (IgA1)**
Catalog #:	16-16-090701-1M
Form:	Frozen
Available Packaging:	1, 5, and 10 mg. Larger aliquots are available upon request.
Buffer:	Frozen in 10 mM phosphate, pH 7.4, with 150 mM NaCl and 0.05% NaN_3.
Purity:	≥ 95% by SDS-PAGE. No reaction by IEP to IgA2 antiserum.
Molecular Weight:	160,000 Da
Protein Determination:	Extinction Coefficient (E) = 1.32 (0.1% at 280 nm, 1 cm pathway)
Storage/Handling:	≤ -20 °C
Stability:	> 1 year
Source:	Human Myeloma Plasma
Testing:	Donor material is obtained from suppliers that perform a comprehensive infectious disease screening panel. This material is prepared using donor units that have been screened individually and found non-reactive for HIV-1/2, Hepatitis B surface antigen (HBsAg), and Hepatitis C (HCV) using validated methods. Detailed testing records are available upon request.

Product Link: https://www.athensresearch.com/products/all/immunoglobulin-a1-human-myeloma-plasma-iga1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY