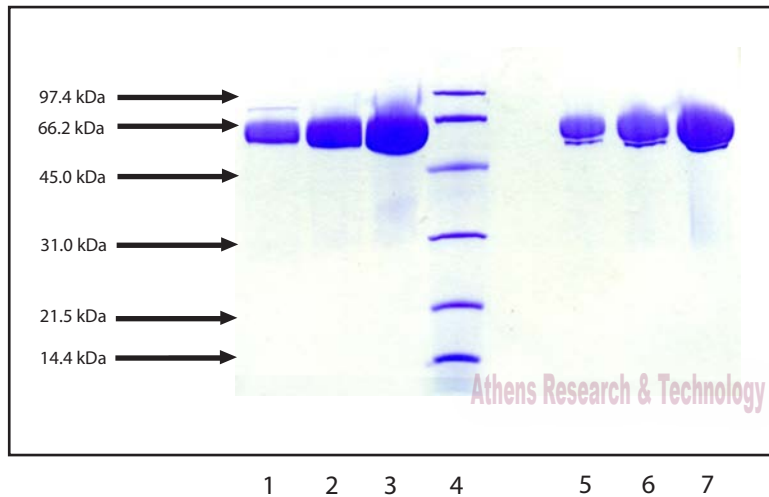


Athens Research & Technology

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Gel Scan of Representative Lot

Alpha 1 Antichymotrypsin, Human Plasma
ART Catalog No. 16-16-012400



SDS-PAGE:

12% BIO RAD Tris-HCl gel

1. Alpha 1 Antichymotrypsin - 5 µg (reduced / heated)
2. Alpha 1 Antichymotrypsin - 10 µg (reduced / heated)
3. Alpha 1 Antichymotrypsin - 20 µg (reduced / heated)
4. LMW Standard (BIO-RAD Cat. No. 161-0304)
5. Alpha 1 Antichymotrypsin - 5 µg (non-reduced / no heat)
6. Alpha 1 Antichymotrypsin - 10 µg (non-reduced / no heat)
7. Alpha 1 Antichymotrypsin - 20 µg (non-reduced / no heat)

Molecular Weight: 64,000

Protein Determination:

Extinction Coefficient (E) $\frac{0.1\% \text{ at } 280\text{nm}}{1\text{cm pathway}} = 0.6$

Physical Specifications:

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

Considerations:

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

Stability > 1 year

Buffer: 20 mM Tris-HCl, pH 7.4, with
150 mM NaCl

Virginia B. Patel PhD

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Product Datasheet

Product:	Alpha 1 Antichymotrypsin, Human Plasma
Catalog Number:	16-16-012400
Physical Specifications:	Lyophilized
Buffer:	20 mM Tris-HCl, pH 7.4, with 150 mM NaCl
Purity:	>=95% by SDS-PAGE
Molecular Weight:	MW 64,000
Protein Determination:	Extinction Coefficient (E) _{1cm pathway} ^{0.1% at 280nm} = 0.6
Storage:	<= -20° C
Stability:	> 1 year
Available Packaging:	100 µg per vial Larger aliquots upon request
Source:	Human Plasma
Testing:	Shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.

**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.**