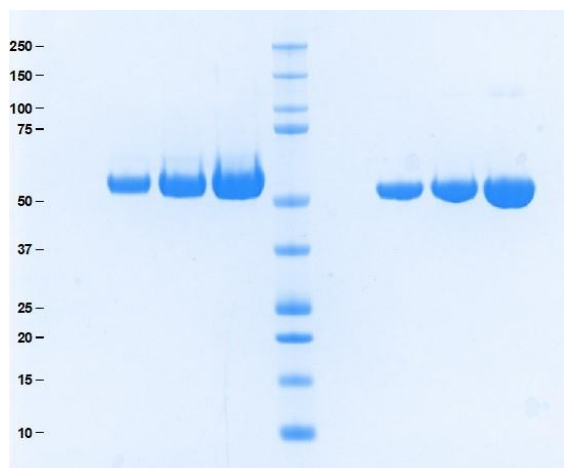


## Gel Scan of Representative Lot Antithrombin III

ART Catalog No. 16-16-012020



### SDS-PAGE

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

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

### Protein Determination:

Extinction Coefficient (E) = 0.65 (0.1% at 280 nm,  
1 cm pathway)

### Molecular Weight:

58,000 Da

### Physical Specifications:

Form: Lyophilized

Purity: ≥ 95% by SDS-PAGE

### Considerations:

Storage Conditions: ≤ -20 °C

Stability: > 1 year

### Buffer:

Lyophilized from 50 mM Tris-HCl, pH 8.0, with  
150 mM NaCl.

## Your Distributor

ORDERING  
Tel.: +49 40 4320 8448 - 0  
order@active-bioscience.de  
www.active-bioscience.de



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Active Bioscience GmbH  
Oberaltenallee 8  
D-22081 Hamburg  
HRB 98170 Amtsgericht Hamburg

## Product Datasheet

<b>Product:</b>	<b>Antithrombin III</b>
<b>Catalog #:</b>	16-16-012020
<b>Form:</b>	Lyophilized
<b>Available Packaging:</b>	100 µg and 1 mg. Larger aliquots are available upon request.
<b>Buffer:</b>	Lyophilized from 50 mM Tris-HCl, pH 8.0, with 150 mM NaCl.
<b>Purity:</b>	≥ 95% by SDS-PAGE
<b>Molecular Weight:</b>	58,000 Da
<b>Protein Determination:</b>	Extinction Coefficient (E) = 0.65 (0.1% at 280 nm, 1 cm pathway)
<b>Storage/Handling:</b>	≤ -20 °C
<b>Stability:</b>	> 1 year
<b>Source:</b>	Human Plasma
<b>Testing:</b>	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/antithrombin-iii-human-plasma>

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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