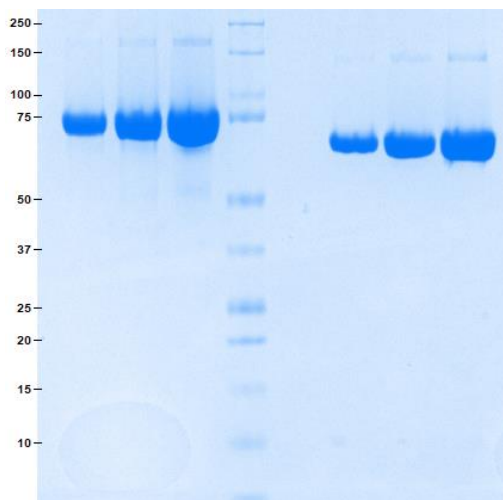


## Gel Scan of Representative Lot ApoTransferrin, Bio Processing Grade

ART Catalog No. 16-16-A32001-BPG



### SDS-PAGE

4-12% Bis-Tris gel

1. ApoTransferrin, Bio Processing Grade 5 µg (Heated/Reduced)
2. ApoTransferrin, Bio Processing Grade 10 µg (Heated/Reduced)
3. ApoTransferrin, Bio Processing Grade 20 µg (Heated/Reduced)
4. Standard
5. Blank
6. ApoTransferrin, Bio Processing Grade 5 µg (Not Heated/Non-Reduced)
7. ApoTransferrin, Bio Processing Grade 10 µg (Not Heated/Non-Reduced)
8. ApoTransferrin, Bio Processing Grade 20 µg (Not Heated/Non-Reduced)

**Protein Determination:**  
Biuret Method

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

**Molecular Weight:**  
80,000 Da

**Buffer:**  
Lyophilized from 20 mM ammonium bicarbonate.

**Physical Specifications:**  
Form: Lyophilized  
Purity: ≥ 98% by SDS-PAGE confirmed by densitometry. Single band before heat treatment.

**Endotoxin Level:**  
< 1.0 EU/mg by LAL testing.  
Sterile filtered using a 0.1 micron filter  
Heat treated at 60 °C for 10 hours

### Product Datasheet

#### 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

<b>Product:</b>	<b>ApoTransferrin, Bio Processing Grade</b>
<b>Catalog #:</b>	16-16-A32001-BPG
<b>Form:</b>	Lyophilized
<b>Available Packaging:</b>	100 mg, 1 g, and 5 g. Larger aliquots are available upon request.
<b>Buffer:</b>	Lyophilized from 20 mM $\text{NH}_4\text{HCO}_3$ .
<b>pH Range of 3% Solution:</b>	6.5 – 8.0
<b>Purity:</b>	≥ 98% by SDS-PAGE confirmed by densitometry. Single band before heat treatment.
<b>Solubility:</b>	Readily soluble at 1% in water
<b>Bioburden:</b>	< 10 CFU/mg
<b>Mycoplasma:</b>	None detected
<b>Protein Determination (dried basis):</b>	> 96% determined by Biuret
<b>Molecular Weight:</b>	80,000 Da
<b>Iron Content:</b>	< 30 µg/g
<b>Endotoxin Level:</b>	< 1.0EU/mg by LAL testing, Sterile filtered using a 0.1 micron filter Heat treated at 60 °C for 10 hours
<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/apotransferrin-human-plasma-bio-processing-grade>

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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