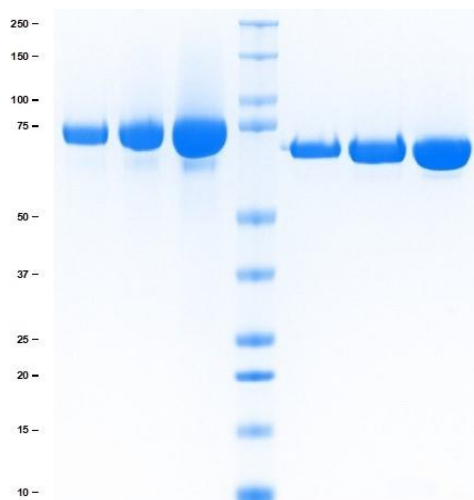


## Gel Scan of Representative Lot Transferrin (HOLO)

ART Catalog No. 16-16-032001



### SDS-PAGE

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

1. Transferrin (HOLO) 5 µg (Heated/Reduced)
2. Transferrin (HOLO) 10 µg (Heated/Reduced)
3. Transferrin (HOLO) 20 µg (Heated/Reduced)
4. Standard
5. Transferrin (HOLO) 5 µg (Not Heated/Non-Reduced)
6. Transferrin (HOLO) 10 µg (Not Heated/Non-Reduced)
7. Transferrin (HOLO) 20 µg (Not Heated/Non-Reduced)

### Protein Determination:

Biuret method

### Considerations:

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

Stability: > 1 year

### Molecular Weight:

80,000 Da

### Buffer:

Lyophilized from 20 mM sodium phosphate, pH 7.4, and 150 mM NaCl

### Physical Specifications:

Form: Lyophilized

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

## Your Distributor

ORDERING  
Tel.: +49 40 4320 8448 - 0  
[order@active-bioscience.de](mailto:order@active-bioscience.de)  
[www.active-bioscience.de](http://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>               | Transferrin (HOLO)  |
| <b>Catalog #:</b>             | 16-16-032001  |
| <b>Form:</b>                  | Lyophilized   |
| <b>Available Packaging:</b>   | 100 mg and 1 g. Larger aliquots are available upon request.   |
| <b>Buffer:</b>                | Lyophilized from 20 mM sodium phosphate, pH 7.4, and 150 mM NaCl  |
| <b>Purity:</b>                | ≥ 95% by SDS-PAGE   |
| <b>Molecular Weight:</b>      | 80,000 Da   |
| <b>Protein Determination:</b> | Biuret method   |
| <b>Iron Content</b>           | ≥ 1100 µg/g   |
| <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/transferrin-human-plasma-holo>

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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