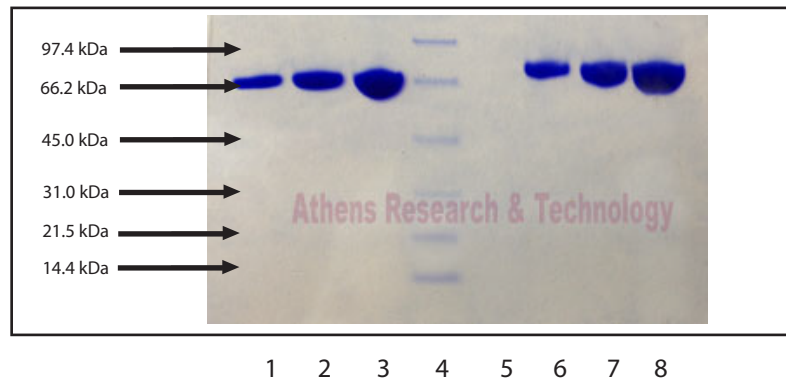


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Gel Scan of Representative Lot HOLO Transferrin, Human Plasma, Bioprocessing Grade ART Catalog No. 16-16-032001-BPG



SDS-PAGE:

4 - 12% Bis-Tris NuPAGE gel

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

- Lyophilized from deionized H₂O, pH 7-7.5
- Description: Slightly pink or reddish lyophilized powder
- Protein Concentration prior to lyophilization determined by Biuret
- Solubility: Readily soluble at 1% in water
- pH Range of 3% solution: 6.5-8.0
- Protein (dried basis) determined by Biuret: >96%
- Purity by SDS-PAGE: >98% confirmed by densitometry
Single band prior to heat treatment

- Iron Content: <1200-1700 ug/gram
- Endotoxin Level: <1.0EU/mg by LAL testing
- Sterile filtered using 0.1 micron filter
- Heat Treated at 60°C for 10 hours
- Bioburden: <10 CFU/mg
- Mycoplasma: None Detected

Considerations:

Storage Conditions: -20° C

MW: 80,000

Manufacture Date: Provided with product

Exp. Date: 5 years from date of manufacture

Virginia B. Patel PhD