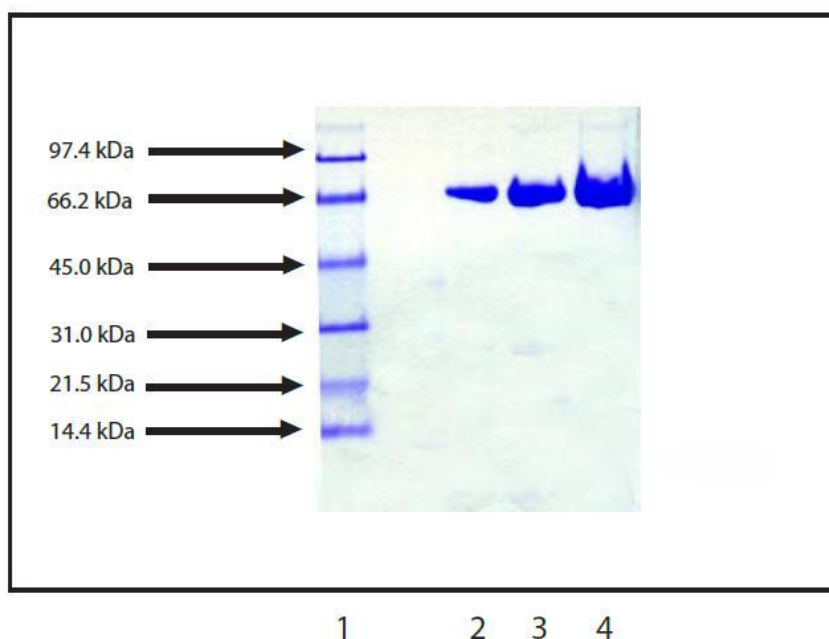


Gel Scan of Representative Lot
Transferrin (HOLO), Human Plasma
No.np001013



SDS-PAGE:

4-12% Bis-Tris NuPAGE gel

1. LMW Standard
2. ransferrin-TC- 5 µg(non-Reduced/no heat)
3. ransferrin-TC- 10 µg(non-Reduced/no heat)
4. ransferrin-TC- 20 µg(non-Reduced/no heat)

Molecular Weight: 80,000

Protein Determination:Biuret Method

Iron Content:<1100 µg per gram

Considerations:

Storage Conditions: <= -20°C; Stability > 1 year

Buffer: 20 mM Na phosphate, pH 7.4, 150 mM NaCl

Endotoxin Level:<0.1 Eu per mg by LAL testing, sterile filtered using 0.2 micron filter

Physical Specifications:Lyophilized; Purity: >= 95% by SDS-PAGE

Product Datasheet

Product: Transferrin (HOLO), Human Plasma

Number: np001013

Description: Lyophilized

Buffer: 20 mM Na phosphate, pH 7.4, 150 mM NaCl

Endotoxin Level: <0.1 Eu per mg by LAL testing, sterile filtered using 0.2 micron filter

Purity: >=95% by SDS-PAGE

Iron Content: >=1100 µg per gram

Molecular Weight: MW 80,000

Protein Determination: Biuret Method

Storage: <= -20°C

Stability: >1 year

Available Packaging: 100mg & 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.

Certificate Of Origin

Product Name: Transferrin (HOLO), Human Plasma

SaturatedCatalog Number: np001013

Lot Number: Information applies to all lots produced.

Manufacturing Information: The methods and controls used in this facility for manufacturing, processing, packaging and holding of our products are in accordance with ISO9001:2015 Quality Management System.

Raw Material Information: The product contains no materials directly of animal origin and has not been in contact with products of animal origin in the course of its purification.

Country of Origin (manufacturing): United States

Biological Source Material (COO): United States

Donor Consent: The raw material used in the purification of this product has been obtained from an FDA licensed collection center. Further the donor or the donor's next of kin has given by signature full informed consent for the material to be used in commercial scientific research, including the sharing, transferring, or selling of samples to third parties involved in this research. The raw material was obtained in an ethical manner in full compliance with national legislation, and the donor identity is held as confidential information by the licensed collection center.