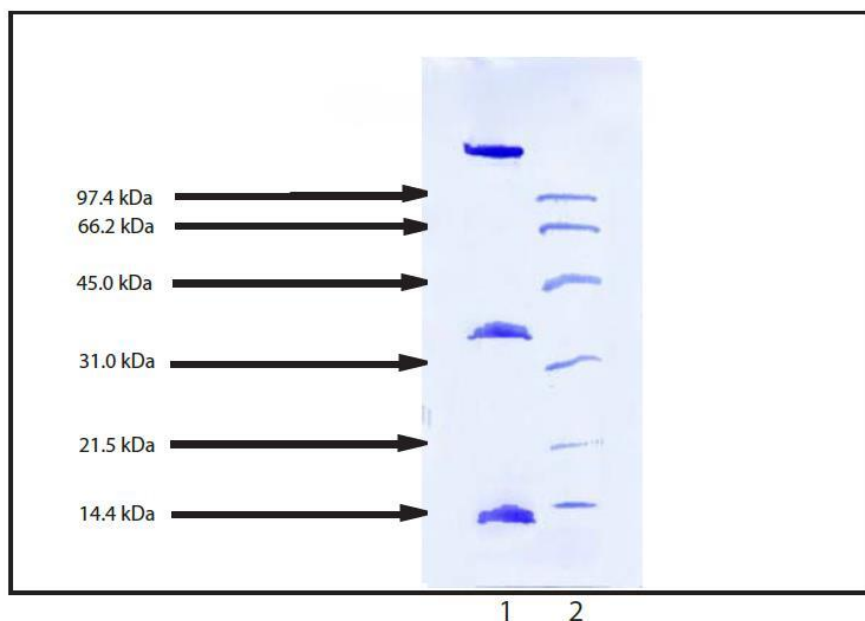


Gel Scan of Representative Lot
Lipoproteins, Very Low Density, Human Plasma, Suitable for
Cell Culture
No.np001032



SDS-PAGE:

12% BIO-RAD Tris HCl gel

1. VLDL - 10 µg(Reduced/heat)
2. LMW Standard

Molecular Weight: 10-80,000,000

Considerations:

Storage Conditions: <= 2-8°C, away from light; Stability > 6 months from production date;

Buffer: 150 mM NaCl, pH 7.4, 0.01% EDTA

Sterility Testing: Using Turbidity Growth/No Growth as the Indicator Thioglycollate Broth (THIO) for yeast and mold growth Tryptic Soy Broth (TSB) for bacterial growth

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

Endotoxin Level: <= 10 EU/mg by Pyrosate LAL clot test

Physical Specifications: Liquid

Purity:

Single arc by IEP against antisera to whole human serum. Essentially free of other plasma lipoproteins as determined by electrophoresis using a SPIFE Vis Cholesterol gel kit for lipids and Coomassie Blue for proteins. Greater than 95% of total lipoprotein content by electrophoresis.

Product Datasheet

Product: Lipoproteins, Very Low Density, Human Plasma, Suitable for Cell Culture

Number: np001032

Description: Liquid

Buffer: 150 mM NaCl, pH 7.4, and 0.01% EDTA

Purity: Single arc by IEP against antisera to whole human serum. Essentially free of other plasma lipoproteins as determined by electrophoresis using a SPIFE Vis Cholesterol gel kit for lipids and Coomassie Blue for proteins. Greater than 95% of total lipoprotein content by electrophoresis.

Sterility Testing: Using Turbidity Growth/No Growth as the Indicator Thioglycollate Broth (THIO) for yeast and mold growth Tryptic Soy Broth (TSB) for bacterial growth

Molecular Weight: 10-80,000,000

Density: 0.95-1.006 g/ml

Composition: 88-95% lipid, 5-12% Protein

Endotoxin Level: <= 10 EU/mg by Pyrosate LAL clot test

Protein Determination: Modified Lowry Based on BSA as standard

Storage: 2-8°C, away from light

Stability: Open under a laminar flow hood; <= 7 days once opened

Available Packaging: 1mg 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: Lipoproteins, Very Low Density, Human Plasma, Suitable for Cell Culture

SaturatedCatalog Number: np001032

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.

