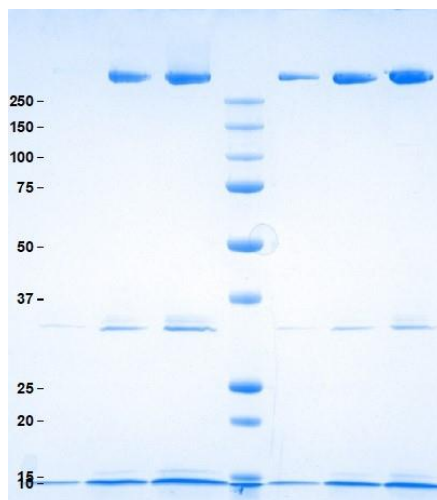# Gel Scan of Representative Lot
Lipoproteins, Very Low Density
ART Catalog No. 12-16-221204

SDS-PAGE
12% Bis-Tris gel, 1x MES

1. Lipoproteins, Very Low Density 1 µg (Heated/Reduced)
2. Lipoproteins, Very Low Density 3 µg (Heated/Reduced)
3. Lipoproteins, Very Low Density 5 µg (Heated/Reduced)
4. Standard
5. Lipoproteins, Very Low Density 1 µg (Not Heated/Non-Reduced)
6. Lipoproteins, Very Low Density 3 µg (Not Heated/Non-Reduced)
7. Lipoproteins, Very Low Density 5 µg (Not Heated/Non-Reduced)

Protein Determination:
Modified Lowry based on BSA as standard

Considerations:
Storage Conditions: 2 - 6 °C; Do not freeze; Store away from light
Stability**:** > 6 months from the production date.

Molecular Weight:
10,000,000 – 80,000,000 Da

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

Physical Specifications:
Form: Liquid
Purity: ≥ 95% by electrophoresis

Product Datasheet

Product:	**Lipoproteins, Very Low Density**
Catalog #:	12-16-221204
Form:	Liquid
Available Packaging:	1 mg and 5 mg. Large aliquots are available upon request.
Buffer:	150 mM NaCl, pH 7.4 and 0.01% EDTA.
Purity:	≥ 95% by electrophoresis
Density:	0.950 – 1.006 g/mL
Composition:	88 – 95% Lipid; 5 – 12% Protein
Molecular Weight:	10,000,000 – 80,000,000 Da
Protein Determination:	Modified Lowry based on BSA as standard
Storage/Handling:	2 - 6 °C; Do not freeze; Store away from light
Stability:	> 6 months from the production date.
Source:	Human Plasma
Testing:	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/lipoproteins-very-low-density-human-plasma

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY