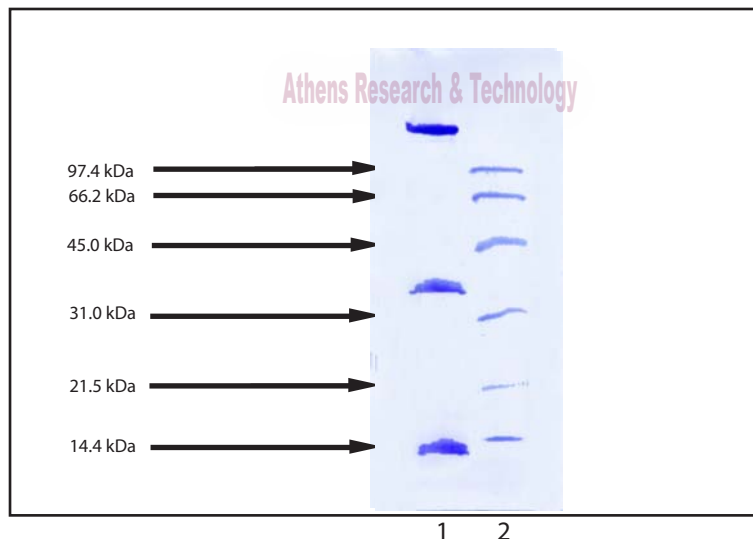


Athens Research & Technology

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Gel Scan of Representative Lot

Lipoproteins, Very Low Density, Human Plasma ART Catalog No. 12-16-221204



SDS-PAGE:

12% BIO-RAD Tris HCl gel

1. VLDL - 10 µg (reduced / heat)
2. LMW Standard (BIO-RAD Cat. No. 161-0304)

Molecular Weight: 10-80,000,000

Protein Determination:

Modified Lowry Based on Sigma
Procedure No. P 5656

Density: <0.95-1.006 g/ml;

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

Physical Specifications:

Liquid

Purity: > = 95% by electrophoresis

Considerations:

Storage Conditions: 2-6° C, away from light
Do Not Freeze

Stability: > 6 months from production date

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

Virginia B. Patel PhD

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Product Datasheet

Product:	Lipoproteins, Very Low Density, Human Plasma
Catalog Number:	12-16-221204
Description:	Liquid
Buffer:	150 mM NaCl, pH 7.4, and 0.01% EDTA
Purity:	>=95% by electrophoresis
Molecular Weight:	MW 10-80,000,000
Protein Determination:	Modified Lowry Based on Sigma Procedure No. P 5656
Density:	0.95-1.006 g/ml
Composition:	88-95% lipid, 5-12% Protein
Storage:	2-6° C, away from light, Do Not Freeze
Stability:	> 6 months from production date
Available Packaging:	1 mg 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.

**Athens Research & Technology products are laboratory reagents and are not to be administered to humans or used for any drug purpose.
For research or further manufacturing use only.**

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ISO9001:2008

Certificate Of Origin

Product Name:	Lipoproteins, Very Low Density, Human Plasma
Catalog Number:	12-16-221204
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 ISO9001:2008 Quality Management System.
Manufacturing Site:	Athens Research & Technology Inc., Athens, Georgia, USA
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.

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For research use or for use in further manufacturing.**