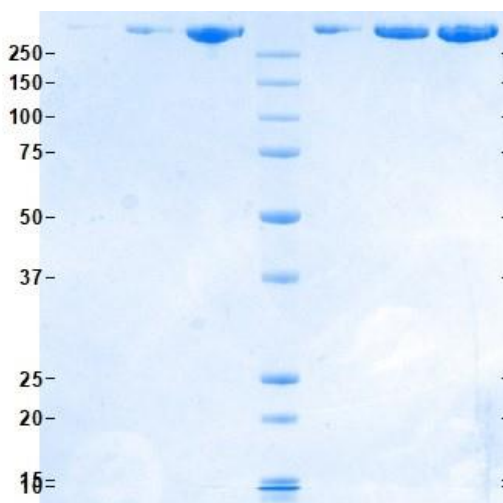


Gel Scan of Representative Lot Lipoproteins, Low Density, Suitable for Cell Culture

ART Catalog No. 12-16-120412-TC



SDS-PAGE

12% TGSDS, 1x TGSDS

1. Lipoproteins, Low Density, Suitable for Cell Culture 1 µg (Heated/Reduced)
2. Lipoproteins, Low Density, Suitable for Cell Culture 3 µg (Heated/Reduced)
3. Lipoproteins, Low Density, Suitable for Cell Culture 5 µg (Heated/Reduced)
4. Standard
5. Lipoproteins, Low Density, Suitable for Cell Culture 1 µg (Not Heated/Non-Reduced)
6. Lipoproteins, Low Density, Suitable for Cell Culture 3 µg (Not Heated/Non-Reduced)
7. Lipoproteins, Low Density, Suitable for Cell Culture 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: Open under a laminar flow hood; ≤ 7 days once opened.

Molecular Weight:

2,300,000 Da

Buffer:

150 mM NaCl, pH 7.4 with 0.01% EDTA.

Physical Specifications:

Form: 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. ≥ 95% of the total lipoprotein content by electrophoresis.

Endotoxin Level:

≤ 10 EU/mg measured by LAL Endoclot Test

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

Your Distributor

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 Tel.: +49 40 4320 8448 - 0
order@active-bioscience.de
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Product Datasheet

Product:	Lipoproteins, Low Density, Suitable for Cell Culture
Catalog #:	12-16-120412-TC
Form:	Liquid
Available Packaging:	1 and 5 mg per vial.
Buffer:	150 mM NaCl, pH 7.4 with 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. ≥ 95% of the total lipoprotein content by electrophoresis.
Molecular Weight:	2,300,000 Da
Protein Determination:	Modified Lowry based on BSA as standard
Density:	1.020– 1.063 g/mL
Composition:	78 – 80% Lipid; 20 – 22% protein
Endotoxin Level:	≤ 10 EU/mg measured by LAL Endoclot Test
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
Storage/Handling:	2 – 6 °C; Do not freeze; Store away from light
Stability:	Open under a laminar flow hood; ≤ 7 days once opened.
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-low-density-human-plasma-suitable-for-cell-culture>

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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