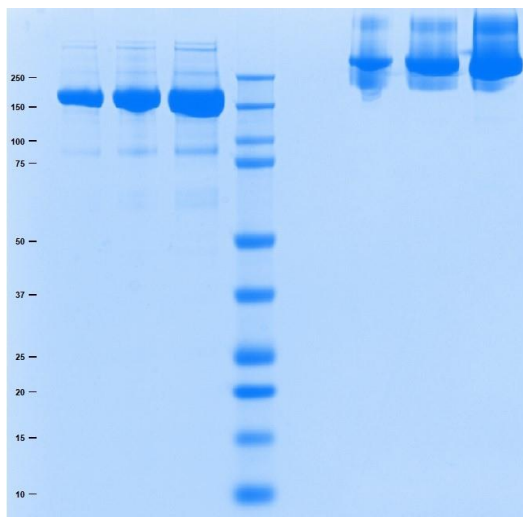


Gel Scan of Representative Lot Alpha 2 Macroglobulin, Fast Form

ART Catalog No. 16-16-012013-FF



SDS-PAGE

4-12% Bis-Tris gel, 1x MES

1. Alpha 2 Macroglobulin, Fast Form 5 µg (Heated/Reduced)
2. Alpha 2 Macroglobulin, Fast Form 10 µg (Heated/Reduced)
3. Alpha 2 Macroglobulin, Fast Form 20 µg (Heated/Reduced)
4. Standard
5. Blank
6. Alpha 2 Macroglobulin, Fast Form 5 µg (Not Heated/Non-Reduced)
7. Alpha 2 Macroglobulin, Fast Form 10 µg (Not Heated/Non-Reduced)
8. Alpha 2 Macroglobulin, Fast Form 20 µg (Not Heated/Non-Reduced)

Protein Determination:

Extinction Coefficient (E) = 0.81 (0.1% at 280 nm,
1 cm pathway)

Molecular Weight:

725,000 Da

Physical Specifications:

Form: Lyophilized

Purity: ≥ 95% by SDS-PAGE

Considerations:

Storage Conditions: ≤ -20 °C

Stability: > 1 year

Buffer:

Lyophilized from 100 mM sodium phosphate, pH
7.2

Your Distributor

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Oberaltenallee 8
D-22081 Hamburg
HRB 98170 Amtsgericht Hamburg

Product Datasheet

Product:	Alpha 2 Macroglobulin, Fast Form
Catalog #:	16-16-012013-FF
Form:	Lyophilized
Available Packaging:	500 µg and 1 mg. Larger aliquots are available upon request.
Buffer:	Lyophilized from 100 mM sodium phosphate, pH 7.2
Purity:	≥ 95% by SDS-PAGE
Molecular Weight:	725,000 Da
Native Structure:	Homotetramer
Subunit:	180,000 Da
Protein Determination:	Extinction Coefficient (E) = 0.81 (0.1% at 280 nm, 1 cm pathway)
Storage/Handling:	≤ -20 °C
Stability:	> 1 year
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/alpha-2-macroglobulin-human-plasma-fast-form>

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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