

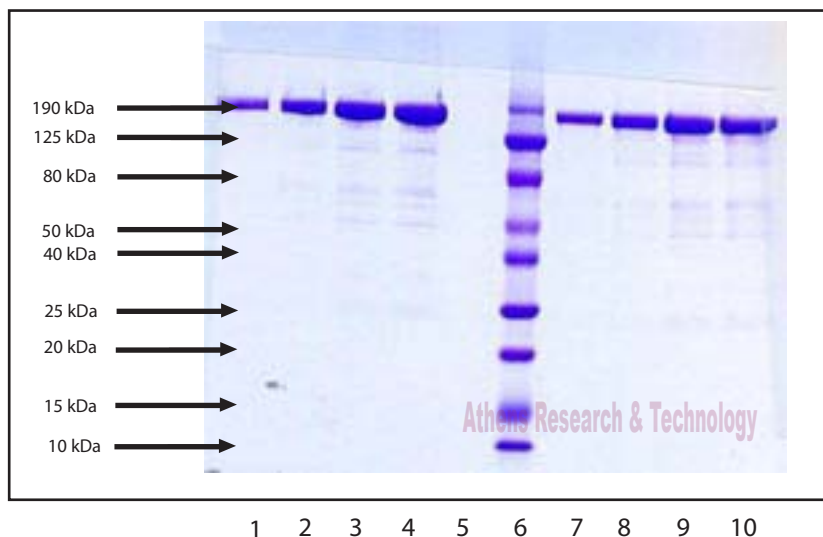
Athens Research & Technology

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Gel Scan of Representative Lot

Alpha 2 Macroglobulin, Fast Form, Human Plasma

ART Catalog No. 16-16-012013 - Fast Form



SDS-PAGE:

4-20% Novex Tris-Glycine Gel (Invitrogen, Catalog # EC6025BOX)
with 1X Tris-glycine running buffer

1. Alpha 2 Macroglobulin - 2 µg (no heat/reduced)
2. Alpha 2 Macroglobulin - 4 µg (no heat/reduced)
3. Alpha 2 Macroglobulin - 8 µg (no heat/reduced)
4. Alpha 2 Macroglobulin - 10 µg (no heat/reduced)
5. Empty
6. ProSieve Color ProteinMarkers Lonza, Catalog # 50550
7. Alpha 2 Macroglobulin - 2 µg (heated/reduced)
8. Alpha 2 Macroglobulin - 4 µg (heated/reduced)
9. Alpha 2 Macroglobulin - 8 µg (heated/reduced)
10. Alpha 2 Macroglobulin - 10 µg (heated/reduced)

Molecular Weight: 725,000

Protein Determination:

Extinction Coefficient (E) $\frac{0.1\% \text{ at } 280\text{nm}}{1\text{cm pathway}} = 0.81$

Physical Specifications:

Lyophilized
Purity: $\geq 95\%$ by SDS-PAGE

Considerations:

Storage Conditions: $\leq -20^\circ \text{C}$

Stability > 1 year

Buffer: 100 mM sodium phosphate, pH 7.2

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Product Datasheet

Product:	Alpha 2 Macroglobulin, Fast Form, Human Plasma
Catalog Number:	16-16-012013- Fast Form
Description:	Lyophilized
Buffer:	100 mM Na Phosphate, pH 7.2
Purity:	>=95% by SDS-PAGE
Molecular Weight:	MW 725,000
Native Structure:	Homotetramer
Subunit:	180,000
Protein Determination:	Extinction Coefficient (E) ^{0.1% at 280nm} =0.81 1cm pathway
Storage:	<= -20° C
Stability:	> 1 Year
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 use or for use in further manufacturing.**