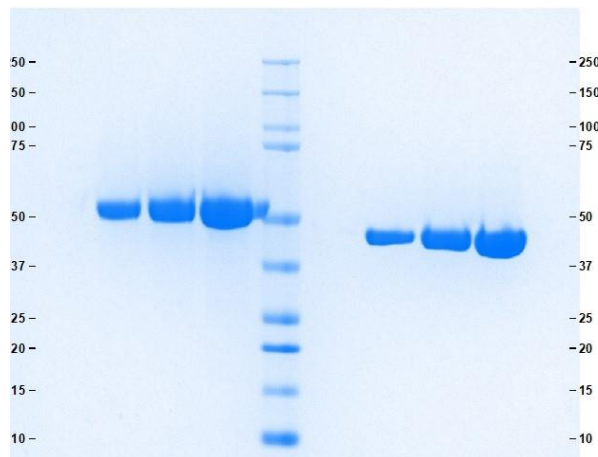


Gel Scan of Representative Lot

GC- Globulin (Vitamin D Binding Protein)

ART Catalog No. 16-16-070307



SDS-PAGE

4-12% Bis-Tris gel with 1xMES

1. GC- Globulin- 5 µg (Heated/Reduced)
2. GC- Globulin- 10 µg (Heated/Reduced)
3. GC- Globulin- 20 µg (Heated/Reduced)
4. Standard
5. Blank
6. GC- Globulin- 5 µg (Not Heated/Non-Reduced)
7. GC- Globulin- 10 µg (Not Heated/Non-Reduced)
8. GC- Globulin- 20 µg (Not Heated/Non-Reduced)

Protein Determination:

Extinction Coefficient (E) = 0.63 (0.1% at 280 nm, 1cm pathway)

Considerations:

Storage Conditions: ≤ -20 °C
Stability: > 1 year

Molecular Weight:

56,000 Da

Buffer:

20 mM NaH₂PO₄, 0.15 M NaCl, pH 7.4

Physical Specifications:

Form: Lyophilized
Purity: ≥ 95% by SDS-Page

Your Distributor

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



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Active Bioscience GmbH
Oberaltenallee 8
D-22081 Hamburg
HRB 98170 Amtsgericht Hamburg

Product Datasheet

Product:	GC-Globulin, Mixed Type (Vitamin D Binding Protein)
Catalog #:	16-16-070307
Form:	Lyophilized
Available Packaging:	1 and 5 mg. Larger aliquots are available upon request.
Buffer:	Lyophilized from 20 mM sodium phosphate, pH 7.4, with 150 mM NaCl.
Purity:	≥ 95% by SDS-PAGE
Molecular Weight:	56,000 Da
Protein Determination:	Extinction Coefficient (E) = 0.63 (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/gc-globulin-human-plasma-mixed-type-vitamin-d-binding-protein>

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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