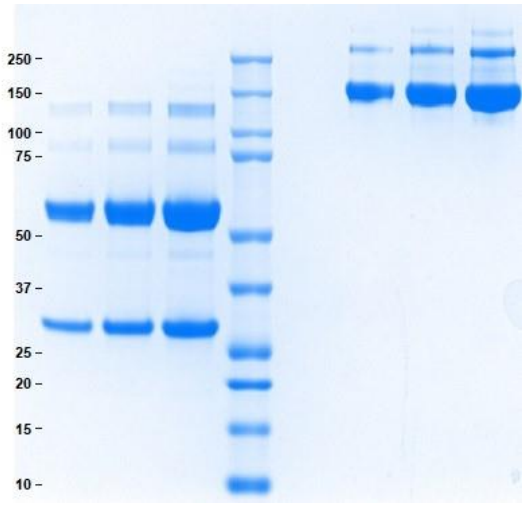
# Gel Scan of Representative Lot
# Immunoglobulin G2 (IgG2)

ART Catalog No. 16-16-090707-2M




**SDS-PAGE**
4-12% Bis-Tris gel, 1x MES

1. Immunoglobulin G2 (IgG2) 5 µg (Heated/Reduced)
2. Immunoglobulin G2 (IgG2) 10 µg (Heated/Reduced)
3. Immunoglobulin G2 (IgG2) 20 µg (Heated/Reduced)
4. Standard
5. Blank
6. Immunoglobulin G2 (IgG2) 5 µg (Not Heated/Non-Reduced)
7. Immunoglobulin G2 (IgG2) 10 µg (Not Heated/Non-Reduced)
8. Immunoglobulin G2 (IgG2) 20 µg (Not Heated/Non-Reduced)

**Protein Determination:**
Extinction Coefficient (E) = 1.36 (0.1% at 280 nm, 1 cm pathway)

**Molecular Weight:**
146,000 Da

**Physical Specifications**:
Form: Frozen
Purity: ≥ 95% by SDS-PAGE

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

**Buffer:**
Frozen in 20 mM sodium phosphate, pH 7.4, with 150 mM NaCl and 0.05% sodium azide.

**Your Distributor**

ACTIVE BIOSCIENCE
PROTEINS · CELLS · ANTIBODIES

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

TECHNICAL SUPPORT
Tel.: +49 40 4320 8448 - 11
support@active-bioscience.de

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

ATHENS RESEARCH & TECHNOLOGY

# Product Datasheet

| | |
|---|---|
| **Product:** | **Immunoglobulin G2 (IgG2)** |
| **Catalog #:** | 16-16-090707-2M |
| **Form:** | Frozen |
| **Available Packaging:** | 1, 5, and 10 mg. Larger aliquots are available upon request. |
| **Buffer:** | Frozen in 20 mM sodium phosphate, pH 7.4, with 150 mM NaCl and 0.05% $NaN_3$. |
| **Purity:** | ≥ 95% by SDS-PAGE |
| **Molecular Weight:** | 146,000 Da |
| **Protein Determination:** | Extinction Coefficient (E) = 1.36 (0.1% at 280 nm, 1 cm pathway) |
| **Storage/Handling:** | ≤ -20 °C |
| **Stability:** | > 1 year |
| **Source:** | Human Myeloma Plasma |
| **Testing:** | Donor material is obtained from suppliers that perform a comprehensive infectious disease screening panel. This material is prepared using donor units that have been screened individually and found non-reactive for HIV-1/2, Hepatitis B surface antigen (HBsAg), and Hepatitis C (HCV) using validated methods. Detailed testing records are available upon request. |

**Product Link:** https://www.athensresearch.com/products/all/immunoglobulin-g2-human-myeloma-plasma-igg2

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

**Your Distributor**

ACTIVE BIOSCIENCE
PROTEINS · CELLS · ANTIBODIES

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

TECHNICAL SUPPORT
Tel.: +49 40 4320 8448 - 11
support@active-bioscience.de

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