Immunoglobulin G1, Normal Human Plasma

- **Molecular Weight:** 146,000

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

**Considerations:**
1. IgG1 - 5 µg (reduced / heated)
2. IgG1 - 10 µg (reduced / heated)
3. IgG1 - 20 µg (reduced / heated)
4. LMW Standard (BIO-RAD Cat. No. 161-0304)

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

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

**Buffer:**
- 20 mM phosphate, pH 7.4, with 150 mM NaCl and 0.05% NaN₃
Product: Immunoglobulin G1, Normal Human Plasma
Catalog Number: 16-16-090707-1
Description: Frozen
Buffer: 20 mM phosphate, pH 7.4, 150 mM NaCl and 0.05% NaN3
Purity: >=95% by SDS-PAGE
Molecular Weight: MW 146,000
Protein Determination: Extinction Coefficient (E) 0.1% at 280nm = 1.36
Storage: <= -20 o 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.

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Certiﬁcate Of Origin

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Product Name:    Immunoglobulin G1, Human Plasma
Catalog Number:    16-16-090707-1
Lot Number:     Information applies to all lots produced.
Manufacturing Information:   The methods and controls used in this facility for manufacturing, processing, packaging and holding of our products are in accordance with ISO9001:2008 Quality Management System.
Manufacturing Site:    Athens Research & Technology Inc., Athens, Georgia, USA
Raw Material Information:   The product contains no materials directly of animal origin and has not been in contact with products of animal origin in the course of its puriﬁcation.
Country of Origin (manufacturing):  United States
Biological Source Material (COO):  United States
Donor Consent:   The raw material used in the puriﬁcation of this product has been obtained from an FDA licensed collection center. Further the donor or the donor’s next of kin has given by signature full informed consent for the material to be used in commercial scientiﬁc research, including the sharing, transferring, or selling of samples to third parties involved in this research. The raw material was obtained in an ethical manner in full compliance with national legislation, and the donor identity is held as conﬁdential information by the licensed collection center.