Molecular Weight:
50,000

Physical Specifications:
Frozen
Purity:  >= 95% by SDS-PAGE

Considerations:
Storage Conditions:  <=  -20o C
Stability:  > 1 year
Buffer:  20 mM phosphate, pH 7.4, with 150 mM NaCl and 0.05% NaN3

Protein Determination:
Extinction Coefficient (E)  0.1% at 280nm
1cm pathway = 1.35

Representative Product Analysis
Immunoglobulin G, Human Plasma, Fab Fragment
ART Catalog No. 16-16-090707-Fab
97.4 kDa
66.2 kDa
45.0 kDa
31.0 kDa
21.5 kDa
14.4 kDa

SDS-PAGE:
4 - 12% Bis-Tris-HCl NuPAGE gel
1. IgG-Fab  -   5 µg (reduced / heated)
2. IgG-Fab  - 10 µg (reduced / heated)
3. IgG-Fab  - 20 µg (reduced / heated)
4. LMW Standard (BIO-RAD Cat. No. 161-0304)
Product: Immunoglobulin G, Human Plasma, Fab Fragment
Catalog Number: 16-16-090707-Fab
Description: Frozen
Buffer: 20 mM phosphate, pH 7.4, with 150 mM NaCl and 0.05% NaN3
Purity: >=95% by SDS-PAGE
Molecular Weight: MW 50,000
Protein Determination: Extinction Coefficient (E) 0.1% at 280nm =1.35
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.

Athens Research & Technology products are laboratory reagents and are not to be administered to humans or used for any drug purpose. For research use only.
Certiфикат Оригинал

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.

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www.athensresearch.com

Product Name:    Immunoglobulin G, Fab Fragment, Human Plasma
Catalog Number:    16-16-090707-FAB
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.

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