Immunoglobulin G, Human Plasma

Considerations:

Storage Conditions: <= -20°C

Stability > 1 year

Buffer: 20 mM phosphate, pH 7.4, with 150 mM NaCl and 0.05% NaN₃

97.4 kDa
66.2 kDa
45.0 kDa
31.0 kDa
21.5 kDa
14.4 kDa

1 2 3 4 5

SDS-PAGE:

4 - 12% Bis-Tris-HCl NuPAGE gel

Molecular Weight: 150,000

Physical Specifications:

Lyophilized

Purity: >= 95% by SDS-PAGE

Protein Determination:

Extinction Coefficient (E) 0.1% at 280nm 1 cm pathway = 1.36

1. LMW Standard (BIO-RAD Cat. No. 161-0304)
2. IgG - 5 µg (reduced / heated)
3. IgG - 10 µg (reduced / heated)
4. IgG - 20 µg (reduced / heated)
5. IgG - 5 µg (non-reduced / no heat)
6. IgG - 10 µg (non-reduced / no heat)
7. IgG - 20 µg (non-reduced / no heat)
Product: Immunoglobulin G, Human Plasma
Catalog Number: 16-16-090707
Description: Lyophilized
Buffer: 20 mM phosphate, pH 7.4, 150 mM NaCl and 0.05% NaN3
Purity: >=95% by SDS-PAGE
Molecular Weight: MW 150,000
Protein Determination: Extinction Coefficient (E) 0.1% at 280nm =1.36
Storage: <= -20 o C
Stability: > 1 year
Available Packaging: 10 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.

1cm pathway

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Certiʃcate Of Origin

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administered to humans or used for any drug purpose.
For research use or for use in further manufacturing.

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Product Name:    Immunoglobulin G, Human Plasma
Catalog Number:    16-16-090707
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 puriʃcation.
Country of Origin (manufacturing):  United States
Biological Source Material (COO):  United States
Donor Consent:   The raw material used in the puriʃcation 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 scientiʃc
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 conʃdential
information by the licensed collection center.

ISO9001:2008