Representative Product Analysis
Immunoglobulin G2, Normal Human Plasma
ART Catalog No. 16-16-090707-2

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

1 2 3 4

SDS-PAGE:
12% BIO RAD Tris-HCl gel

1. LMW Standard (BIO-RAD Cat. No. 161-0304)
2. IgG2 - 5 µg (reduced / heated)
3. IgG2 - 10 µg (reduced / heated)
4. IgG2 - 20 µg (reduced / heated)
Product:   Immunoglobulin G2, Normal Human Plasma

Catalog Number:  16-16-090707-2

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:   Normal 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.

For research use only.
Certiﬁcate Of Origin

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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Product Name:    Immunoglobulin G2, Human Plasma
Catalog Number:    16-16-090707-2
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.

ISO9001:2008