Immunoglobulin E, Human Plasma

ART Catalog No. 16-16-090705

Virginia B. Patel PhD

97.4 kDa

66.2 kDa

45.0 kDa

31.0 kDa

21.5 kDa

14.4 kDa

SDS-PAGE:

1. IgE  -   5  µg (reduced / heated)
2. IgE  - 10  µg (reduced / heated)
3. IgE  - 20  µg (reduced / heated)
4. LMW Standard (BIO-RAD Cat. No. 161-0304)
5. IgE  -   5  µg (non-reduced / no heat)
6. IgE  - 10  µg (non-reduced / no heat)
7. IgE  - 20  µg (non-reduced / no heat)

Athens Research & Technology

PHONE: 706-546-0207

• FAX: 706-546-7395

• EMAIL: ARTBIO@ATHENSRESEARCH.COM

Gel Scan of Representative Lot

Molecular Weight:

200,000

Physical Specifications:

Frozen

Purity:  >= 95% by SDS-PAGE

Single arc by IEP against antisera to whole human serum and human IgE.

Does not react by IEP against antisera to human IgA, IgD, IgG, and IgM.

Considerations:

Storage Conditions:  <=  -20o C

Stability > 1 year

Buffer:  100 mM Tris, pH 7.5, with 200 mM NaCl and 0.05% NaN3

Extinction Coefficient (E)  0.1% at 280nm

1cm pathway = 1.33

Protein Determination:
Product: Immunoglobulin E, Human Plasma
Catalog Number: 16-16-090705
Description: Frozen
Buffer: 100 mM Tris, pH 7.5, 200 mM NaCl and 0.05% NaN3
Purity: >=95% by SDS-PAGE
Molecular Weight: MW 200,000
Protein Determination: Extinction Coefficient (E) 0.1% at 280nm = 1.33
Storage: <= -20 o C
Stability: > 1 year
Available Packaging: 100 µg 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.

Product Datasheet
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.

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Certi/ficate Of Origin

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Product Name:    Immunoglobulin E, Human Plasma
Catalog Number:    16-16-090705
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