SDS-PAGE:

4-12% Bis-Tris NuPAGE gel

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

Molecular Weight:

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

Considerations:

Storage Conditions: <= -20°C or lower
Stability > 1 year
Buffer: 20 mM NaH2PO4, pH 7.4, with 150 mM NaCl

Protein Determination:

Extinction Coefficient (E) 0.1% at 280nm
1cm pathway = 1.26

385,000

Physical Specifications:

Frozen

Purity: >= 95% by SDS-PAGE

Phone: 706-546-0207
Fax: 706-546-7395
Email: ARTBIO@ATHENSRESEARCH.COM

Address: 110 Trans Tech Drive, Athens, GA 30601, USA
Product: Secretory Immunoglobulin A, Human Colostrum
Catalog Number: 63090701

Description: Frozen
Buffer: 20 mM NaH2PO4, pH 7.4, with 150 mM NaCl

Purity: >=95% by SDS-PAGE
Molecular Weight: MW 385,000

Protein Determination:

Storage: <= -20 o C
Stability: > 1 year

Available Packaging: 5 mg per vial
Larger aliquots upon request

Source: Human Colostrum

Testing: Shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.

Extinction Coefficient (E) 0.1% at 280nm 1cm pathway = 1.26

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.

Athens Research & Technology
PHONE: 706-546-0207
• FAX: 706-546-7395
• EMAIL: ARTBIO@ATHENSRESEARCH.COM
110 Trans Tech Drive    Athens, GA    30601    USA
Certi/f_icate 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.

ATHENS RESEARCH & TECHNOLOGY
PHONE: 706-546-0207
FAX: 706-546-7395
EMAIL: ARTBIO@ATHENSRESEARCH.COM
110 Trans Tech Drive    Athens, GA    30601    USA
www.athensresearch.com

Product Name:    Secretory IgA, Human Colostrum
Catalog Number:    16-13-090701
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 puri/f_ication.
Country of Origin (manufacturing):  United States
Biological Source Material (COO):  United States
Donor Consent:   The raw material used in the puri/f_ication 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 scienti/f_ic 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 con/f_idential information by the licensed collection center.