Virginia B. Patel PhD

SDS-PAGE:

1. LMW Standard (BIO-RAD Cat. No. 161-0304)
2. Hemopexin - 5 µg (Reduced/heat)
3. Hemopexin - 10 µg (Reduced/heat)
4. Hemopexin - 20 µg (Reduced/heat)
5. Albumin Control (Reduced/heat)
6. Hemopexin - 5 µg (Non-reduced/no heat)
7. Hemopexin - 10 µg (Non-reduced/no heat)
8. Hemopexin - 20 µg (Non-reduced/no heat)
9. Albumin Control (Non-reduced/no heat)

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

Hemopexin, Human Plasma
ART Catalog No. 16-16-080513

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

Gel Scan of Representative Lot
Molecular Weight: 57,000
Physical Specifications:
Lyophilized
Purity:  >= 95% by SDS-PAGE
Considerations:
Storage Conditions:  <=  -20o C
Stability > 1 year
Buffer:  11.9 mM phosphate, 137 mM NaCl, 2.7 mM KCl, pH 7.4
Protein Determination:
Extinction Coefficient (E)  0.1% at 280nm
1cm pathway =1.97
Product: Hemopexin, Human Plasma
Catalog Number: 16-16-080513
Description: Lyophilized
Buffer: 11.9 mM phosphate, 137 mM NaCl, 2.7 mM KCl, pH 7.4
Purity: >=95% by SDS-PAGE
Molecular Weight: MW 57,000
Protein Determination: Extinction Coefficient (E) 0.1% at 280nm = 1.97
Storage: <= -20 oC
Stability: > 1 year
Available Packaging: 500 µg per vial - 1 mg per vial
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.

110 Trans Tech Drive    Athens, GA    30601    USA
Certi\(\text{f}i\text{cate\ of\ Origin\}

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www.athensresearch.com

Product Name:    Hemopexin, Human Plasma
Catalog Number:    16-16-080513
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:   Puri\(\text{f}i\text{cation\ of\ this\ product\ may\ utilize\ affinity\ chromatography\ prepared\ using\ reagents/antibodies\ derived\ from\ animals. Otherwise, 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\(\text{f}i\text{cation.\)

Country of Origin (manufacturing):  United States
Biological Source Material (COO):  United States
Donor Consent:   The raw material used in the puri\(\text{f}i\text{cation\ 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\text{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\(fi\text{dential\ information\ by\ the\ licensed\ collection\ center.

ISO9001:2008