

Molecular Innovations, Inc.

46430 Peary Ct.

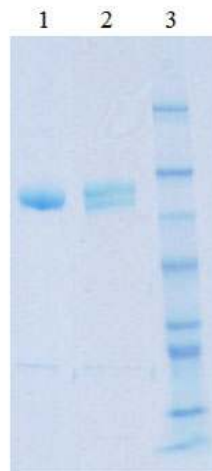
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Certificate of Analysis



1. Human Protein S (3 ug) NR
2. Human Protein S (3 ug) R
3. Molecular Weight Markers

Product: Human Protein S – HPS

Date: November, 2011

Lot: HPS-3724

Molecular Weight: 69,000 Da

Physical Specifications:

Physical Appearance: colorless frozen solution

Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 1.758 $\epsilon^{0.1\%} = 0.95$
Concentration = 1.85 mg/mL

Considerations:

Storage Conditions: Store frozen at -20°C – stability > 1yr
Buffer Composition: 20mM Tris-HCl; 0.1M NaCl; 1mM Benzamidine; pH 7.4
Other: > 95% pure by SDS PAGE
Purified from Human Plasma that was tested and found negative for HIV-1/2, HIV-1 antigen(s), HBsAg, STS, anti-HCV, anti-HBcore and anti-HTLV I & II

Duane E. Day

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