

Molecular Innovations, Inc.

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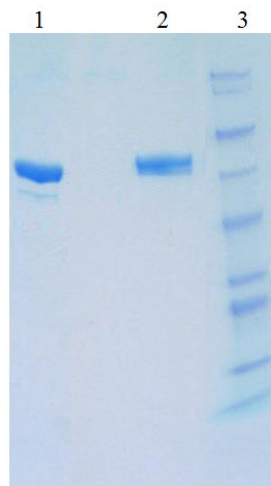
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Certificate of Analysis



1 HFXII Lot 2592 Non-reduced

2 HFXII Lot 2592 Reduced

3 LMW Standard

Product: Human Factor XII – HFXII

Date: July, 2010

Lot: HFXII-2592

Molecular Weight: 80,000

Physical Specifications:

Physical Appearance: colorless frozen solution

Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 1.428 $\epsilon^{0.1\%} = 1.4$
Concentration = 1.02 mg/mL

Considerations:

Storage Conditions: Store frozen at -20°C – stability > 1yr

Buffer Composition: 4 mM Sodium Acetate; 0.15 M NaCl; pH 5.3

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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