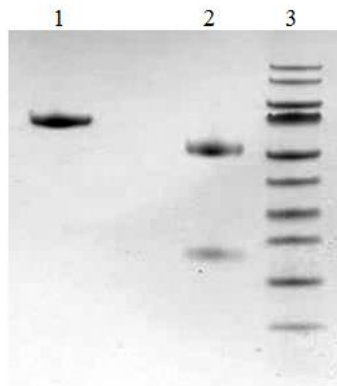


Molecular Innovations, Inc.

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Certificate of Analysis



4-12% Bis-Tris SDS-PAGE
1 HFX-4168 (3 ug) Non-reduced
2 HFX-4168 (3 ug) Reduced
3 Molecular Weight Markers

Product: Human Factor X – HFX

Date: 10 June 2016

Lot: HFX-4168

Molecular Weight: 58,900 Da

Physical Specifications:

Physical Appearance: colorless frozen solution

Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 2.08 $\epsilon^{0.1\%} = 1.16$
Concentration = 1.79 mg/mL

Considerations:

Specific Activity: 118.1 PEU/mg
Storage Conditions: Store frozen at -70°C – stability > 1yr
Buffer Composition: 0.02M HEPES; 0.15M NaCl; 5mM CaCl₂; 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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