

Molecular Innovations, Inc.

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Certificate of Analysis

Product: FITC Labeled Human Fibrinogen, Plasminogen Depleted – FIB-FITC

Date: March, 2011

Lot: FIB-FITC-311

Molecular Weight: 330,000 by SDS PAGE

Physical Specifications:

Physical Appearance: yellow frozen solution

Solubility: > 2 mg/mL

Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 16.3 $\epsilon^{0.1\%}$ = 1.51
Concentration = 10.8 mg/ml
2.9 mole FITC / mole fibrinogen

Considerations:

Storage Conditions: Store at -70°C; Protect from light – stability > 1yr
Buffer Composition: 20 mM Sodium Citrate-HCl; pH 7.4

The Human Fibrinogen is homogenous as judged on a 4-20% gradient gel and is greater than 95% clottable. The plasminogen was depleted using affinity chromatography. The above protein was purified from human plasma that was tested and found negative for all communicable diseases, including HIV-1, HIV-2, Hepatitis B Surface antigen and HCV. Donors are screened for Creutzfeldt-Jakob Disease. Thaw at 37C without agitation until completely liquid, then gently mix before use.

Duane E. Day

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