

Molecular Innovations, Inc.

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Certificate of Analysis

Product: FITC Labeled Human Glu Plasminogen – HGPG-FITC

Date: February, 2005

Lot: HGPG-FITC-205

Molecular Weight: 92,000 by SDS PAGE

Physical Specifications:

Physical Appearance: yellow frozen solution

Solubility: > 2 mg/mL

Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 3.33 $\epsilon^{0.1\%}$ = 1.69
Concentration = 1.97 mg/mL

Labeling ratio = 0.69 mol FITC per mol HGPG

Activity:

No plasmin activity detected with the chromogenic substrate S-2251. > 98% conversion to plasmin is observed upon activation with uPA.

Considerations:

Storage Conditions: Store frozen at -70°C – stability > 1yr
Protect from light

Buffer Composition: 0.1 M HEPES; 0.1 M NaCl; 1 mM EDTA; pH 7.4

Other: The above protein is purified from human plasma that is tested and found negative for all communicable diseases, including HIV-1, HIV-2, Hepatitis Surface antigen and HCV.

Duane E. Day

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