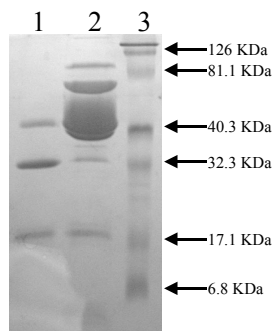


## Molecular Innovations, Inc.

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# Certificate of Analysis

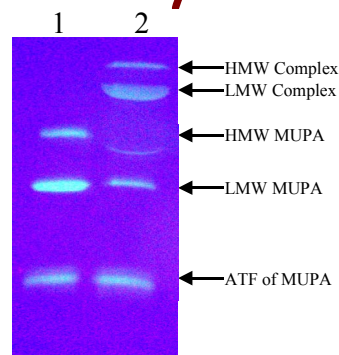


12% SDS-PAGE - GelCode Blue Stain

1 MUPA-FITC-305 (3 ug) Non-reduced

2 MUPA-FITC-305 (3 ug) + PAI-1 (12 ug) Non-reduced

3 Prestained Standard



12% SDS-PAGE - UV

1 MUPA-FITC-305 (3 ug) Non-reduced

2 MUPA-FITC-305 (3 ug) + PAI-1 (12 ug) Non-reduced

**Product:** FITC Labeled Mouse Urokinase – MUPA-FITC

**Date:** 17 March, 2005

**Lot:** MUPA-FITC-305

**Molecular Weight:** 44,000 by SDS PAGE

### Physical Specifications:

Physical Appearance: yellow frozen solution

Solubility: > 2 mg/mL

### Spectrophotometric Data:

FITC Absorbance (498nm) = 0.28

FITC Concentration = 3.4 uM

Ultraviolet Absorbance (280nm) = 0.76  $\epsilon^{0.1\%}$  = 1.48

Corrected Protein Concentration = 0.48 mg/mL

Molar Labeling Ratio = 0.34 FITC / MUPA

### Considerations:

Storage Conditions: Store frozen at -70°C – stability > 1yr  
Buffer Composition: 0.05 M Sodium Acetate; 0.1 M NaCl; 1 mM EDTA; pH 5.0  
Protect from light

Other: > 98% pure by SDS PAGE.  
85% complexable with human PAI-1.

*Duane E. Day*

Duane E. Day