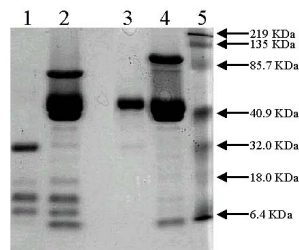


## Molecular Innovations, Inc.

21315 Hilltop Street  
Southfield, MI 48036  
TEL: (248) 353-4927  
FAX: (248) 353-4929  
Web Site: <http://www.mol-innov.com>

# Certificate of Analysis



12% SDS-PAGE - GelCode Blue Stain  
1 MUPA-1103 (5 ug) Reduced  
2 MUPA-1103 + CPAI (20 ug) Reduced  
3 MUPA-1103 (5 ug) Non-reduced  
4 MUPA-1103 + CPAI (20 ug) Non-reduced  
5 Prestained Standard

**Product:** Active Mouse Urokinase – MUPA

**Date:** 13 November, 2003

**Lot:** MUPA-1103

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

### Physical Specifications:

Physical Appearance: colorless frozen solution

Solubility: > 2 mg/mL

### Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 0.9  $\epsilon^{0.1\%} = 1.36$

Concentration = 0.66 mg/mL

Active Concentration = 0.66 mg/mL

### 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

Other: > 98% pure by SDS PAGE.

95% high molecular weight.

Fully complexable with human PAI-1.

*Duane E. Day*

Duane E. Day