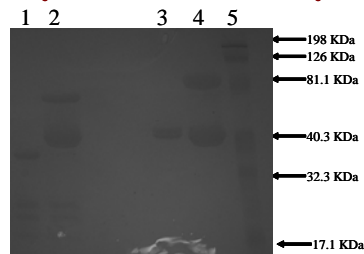


## Molecular Innovations, Inc.

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# Certificate of Analysis



10% SDS-PAGE - GelCode Blue Stain  
1 DUPA-206 (3 ug) Reduced  
2 DUPA-206 (3 ug) + CPAI (12 ug) Reduced  
3 DUPA-206 (3 ug) Non-reduced  
4 DUPA-206 (3 ug) + CPAI (12 ug) Non-reduced  
5 Prestained Standard

**Product:** Dog Urokinase – DUPA

**Date:** 2 February, 2006

**Lot:** DUPA-206

**Molecular Weight:** 50,000 by SDS PAGE

### Physical Specifications:

Physical Appearance: colorless frozen solution

Solubility: > 2 mg/mL

### Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 4.0  $\epsilon^{0.1\%} = 1.38$   
Concentration = 2.9 mg/mL  
Active Concentration = 2.9 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.

Recombinantly produced in insect cells.

References: Backovic, Marija, et al. (2002) Protein Science. 11, 1182-91.

*Duane E. Day*

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