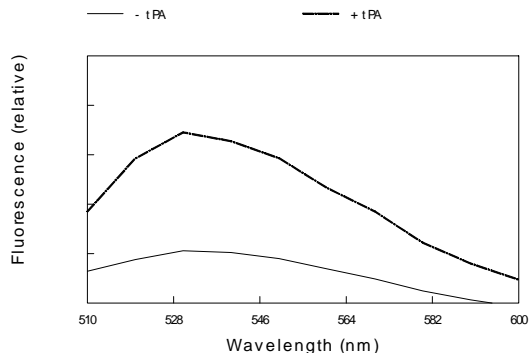


## Molecular Innovations, Inc.

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# Certificate of Analysis



**Product:** Human PAI-1 NBD labeled at reactive center loop – HPAI-P9NBD

**Date:** March, 2004

**Lot:** HPAI-P9NBD-304

**Molecular Weight:** 43,000 by SDS PAGE

### Physical Specifications:

Physical Appearance: colorless frozen solution

Solubility: > 2 mg/mL and < 5 mg/mL

### Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 1.9  $\epsilon^{0.1\%} = 1.0$

Concentration = 1.9 mg/mL

Active Concentration = 1.9 mg/mL

### Considerations:

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

Buffer Composition: 0.05 M Sodium Phosphate; 0.1 M NaCl; 1 mM EDTA; pH 6.6

Other: > 98% pure by SDS PAGE

### Fluorescence:

NBD labeled at P9 position of reactive center loop.

Excitation: 490 nm Emission profile: 520 nm – 600 nm.

Binding of uPA or tPA results in increase of peak at 540 nm.

*Duane E. Dav*

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