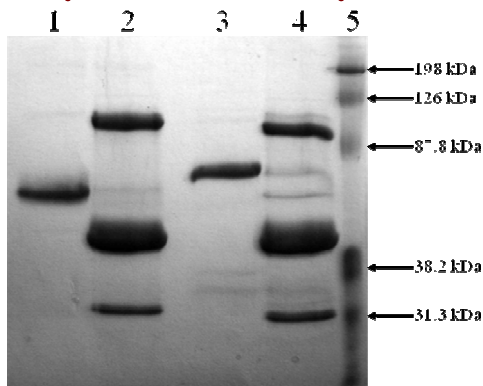


## Molecular Innovations, Inc.

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# Certificate of Analysis



10% SDS-PAGE - GelCode Blue Stain

- 1 PTPA-1009 (3 ug) Non-reduced
- 2 PTPA-1009 (3 ug) + PAI-1 (12 ug) Non-reduced
- 3 PTPA-1009 (3 ug) Reduced
- 4 PTPA-1009 (3 ug) + PAI-1 (12 ug) Reduced
- 5 Prestained Standard

**Product:** Active Porcine tPA – PTPA

**Date:** 5 October, 2009

**Lot:** PTPA-1009

**Molecular Weight:** 70,000 by SDS PAGE

### Physical Specifications:

Physical Appearance: colorless frozen solution

Solubility: > 2 mg/mL

### Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 1.095      $\epsilon^{0.1\%} = 1.845$

Concentration = 0.59 mg/mL

### Considerations:

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

Buffer Composition: 0.4 M HEPES; 0.1 M NaCl; pH 7.4

Other: > 95% pure by SDS PAGE.

> 95% single chain.

> 95% active.

Sterile filtered through 0.2 micron Whatman PES filter.

*Duane E. Day*

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