

Innovative Research, Inc.

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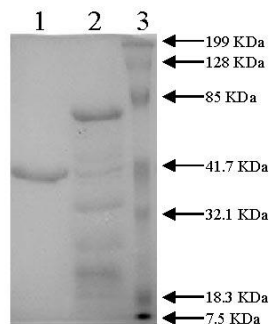
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Certificate of Analysis



10% SDS-PAGE - GelCode Blue Stain

1 RPAI-901 (5 ug) Reduced

2 RPAI-901 (5 ug)+uPA-HTC (8 ug) Reduced

3 Prestained Standard

Product: Rat Plasminogen Activator Inhibitor I – RPAI (PAI-1) wild type

Date: September, 2001

Lot: RPAI

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) = $2.3 \epsilon^{0.1\%} = 1.0$
Concentration = 2.3 mg/mL

Kinetic Data:

Second order rate constants for inhibition of:

uPA = $6.3 \times 10^6 \text{ M}^{-1}\text{s}^{-1}$

tPA = $5.7 \times 10^6 \text{ M}^{-1}\text{s}^{-1}$

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 90 (+/-) 5% active by uPA titration