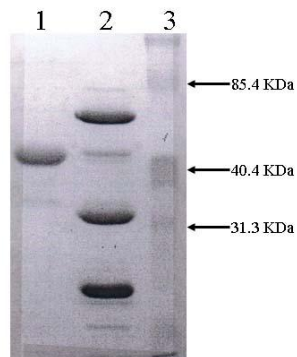


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Certificate of Analysis



10% SDS-PAGE – GelCode Blue Stain
1 RPAI-606 (3 ug) Reduced
2 RPAI-606 (3 ug) + uPA (12 ug) Reduced
3 Prestained Standard

Product: Rat Plasminogen Activator Inhibitor I (PAI-) Wild Type Active Fraction – RPAI

Date: June, 2006

Lot: RPAI-606

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) = $1.8 \epsilon^{0.1\%} = 1.0$
Concentration = 1.8 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

Duane E. Day

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