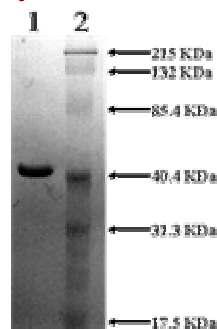


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Certificate of Analysis



10% SDS-PAGE - GelCode Blue Stain
1 APAI-206 (3 ug) Reduced
2 Prestained Standard

Product: Human Plasminogen Activator Inhibitor I (Elastase Inhibitor) - APAI

Date: 8 February 2006

Lot: APAI-206

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) = 1.15 $\epsilon^{0.1\%} = 1.0$
Concentration = 1.15 mg/mL

Considerations:

This mutant contains a P1 Alanine in place of the wild type Arginine residue resulting in an inhibitor of elastase as potent as α 1PI (antitrypsin).

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

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

Other: > 99% pure by SDS PAGE

Duane E. Day

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