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Product Specification

Human Plasminogen Activator Inhibitor I N-Terminal Biotin Labeled (active wild type)

Product #: PI 83

Lot #: NTBIOPAI-A-1202

Molecular Weight: 43 KDa

Physical Appearance: colorless frozen solution

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

Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 1.48 $0.1\% = 1.0$

Concentration = 1.48 mg/mL

Active Concentration = 1.48 mg/mL

Kinetic Data:

Second order rate constants for inhibition of:

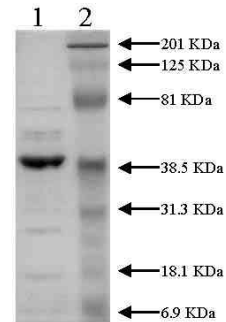
uPA = $6.3 \times 10^6 \text{ M}^{-1}\text{s}^{-1}$ tPA = $5.7 \times 10^6 \text{ M}^{-1}\text{s}^{-1}$

Considerations:

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

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

Other: > 98% pure by SDS PAGE $95 \pm 5\%$ active by uPA titration



10% SDS-PAGE - GelCode Blue Stain
1 NTBIOPAI-A-1202 (3 ug) Reduced
2 Prestained Standard