

Innovative Research, Inc.

46430 Pear Court

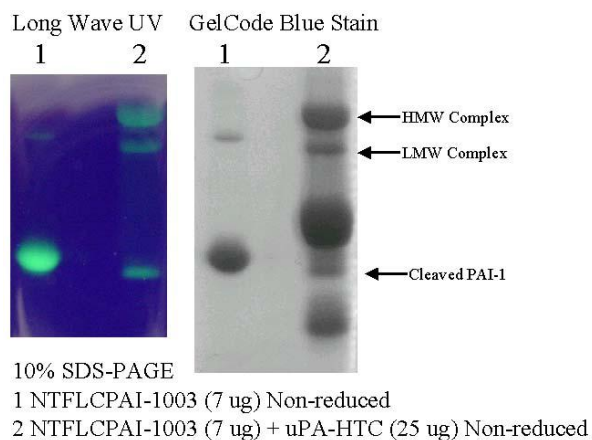
Novi, Mi 48377

TEL: (248) 896.145

FAX: (248) 896.0149

Web Site: <http://www.innov-research.com>

Certificate of Analysis



Product: Human Plasminogen Activator Inhibitor I – NTFLCPAI
N-terminal Fluorescein Labeled Stable Mutant

Date: 25 October, 2003

Lot: NTFLCPAI

Molecular Weight: 43.000 by SDS PAGE

Physical Specifications:

Physical Appearance: yellow frozen solution

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

Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 1.4 $\epsilon^{0.1\%} = 1.0$

Concentration = 1.4 mg/mL

Active Concentration = 1.4 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: > 95% pure by SDS PAGE 98 (+/-) 5% active by uPA titration