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# Certificate of Analysis

**Product:** Texas Red Labeled Human sc-tPA – IHTPA-TR

**Date:** April, 2005

**Lot:** HTPA-TR

**Molecular Weight:** 70,000 by SDS PAGE

**Physical Specifications:**

Physical Appearance: red frozen solution  
Solubility: > 2 mg/mL

**Spectrophotometric Data:**

Ultraviolet Absorbance (280nm) = 1.33     $\epsilon^{0.1\%} = 1.9$   
Concentration = 0.7 mg/mL

**Labeling Ratio:**

2.9 mole TR / mole HTPA as determined by absorbance

**Considerations:**

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

Buffer Composition: 0.4 M HEPES; 0.5 M NaCl; pH 7.4

Other: > 98% pure by SDS PAGE. Fully complexable with human PAI-1.