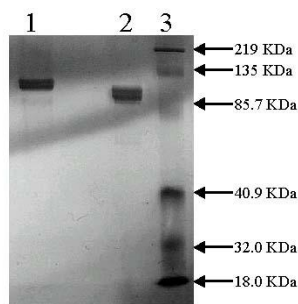


## Innovative Research, Inc.

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# Certificate of Analysis



10% SDS-PAGE - GelCode Blue Stain  
1 HGPG-1203 (3 ug) Reduced  
2 HGPG-1203 (3 ug) Non-reduced  
3 Prestained Standard

**Product:** Human Glu Plasminogen – HGPG

**Date:** 23 December, 2003

**Lot:** HGPG

**Molecular Weight:** 92,000 by SDS PAGE

### Physical Specifications:

Physical Appearance: colorless frozen solution

Solubility: > 2 mg/mL

### Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 12.8  $\epsilon^{0.1\%} = 1.69$   
Active Concentration = 7.5 mg/mL

### Activity:

No plasmin activity detected with the chromogenic substrate S-2251. > 98% conversion to plasmin is observed upon activation with uPA.

### Considerations:

Storage Conditions: Store frozen at -70°C – stability > 1yr  
Buffer Composition: 0.1 M HEPES; 0.1 M NaCl; 1 mM EDTA; pH 7.4  
Other: The above protein is purified from human plasma that is tested and found negative for all communicable diseases, including HIV-1, HIV-2, Hepatitis Surface antigen and HCV.