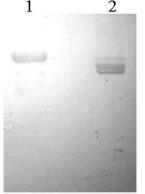
# Molecular Innovations, Inc.

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Certificate of Analysis



10% SDS-PAGE - GelCode Blue Stain 1 RPLG-705 (3 ug) Reduced 2 RPLG-705 (3 ug) Non-reduced

Product: Rat Plasminogen - RPLG

Date: 14 July, 2005

Lot: RPLG-705

## Molecular Weight: 92,000 by SDS PAGE

**Physical Specifications:** 

#### Activity:

Physical Appearance: colorless frozen solution

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

## Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) =  $9.30 \in 0.1\%$  = 1.69 Concentration = 5.5 mg/mL No plasmin activity detected with the chromogenic substrate S-2251. >98% conversion to plasmin is observed upon activation with human uPA.

# **Considerations:**

Storage Conditions: Store frozen at  $-70^{\circ}$ C – stability > 1yr Buffer Composition: 0.1 M HEPES; 0.1 M NaCl; pH 7.4 Other: > 98% pure by SDS PAGE

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