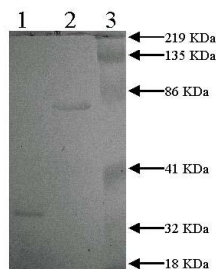


## Innovative Research, Inc.

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# Certificate of Analysis



Western Blot - 10% SDS-PAGE  
ASHUPA-GF-BIO-1003 at 5 ug/ml Primary  
Avidin Alk Phos at 1:100,000 Secondary  
1 uPA (1 ug) Reduced  
2 uPA (1 ug) + CPAI (5 ug) Reduced  
3 Prestained Standard

**Product:** Biotin labeled Rabbit Anti-human uPA IgG Fraction – ASHUPA-GF-BIO

**Date:** 10 October 2003

**Lot:** Sample

**Molecular Weight:** ~160,000

### Physical Specifications:

Physical Appearance: colorless frozen solution

Solubility: > 10 mg/mL

### Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 2.58  $\epsilon^{0.1\%} = 1.36$   
Concentration = 1.9 mg/mL

### 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  
Biotin Incorporation: 3.7 moles biotin/mole IgG as determined by HABA assay.  
Other: > 98% pure by SDS PAGE

### Titers:

1:4000 for ELISA.  
1:400 for Western Blot and Immunohistochemistry.