

Molecular Innovations, Inc.

21315 Hilltop Street
Southfield, MI 48036
TEL: (248) 353-4927
FAX: (248) 353-4929
Web Site: <http://www.mol-innov.com>

Certificate of Analysis

Product: Fluorescein labeled rabbit anti-human uPA IgG Fraction – ASHUPA-GF-FITC

Date: April, 2004

Lot: ASHUPA-GF-FITC-404

Molecular Weight: ~160,000 Da

Physical Specifications:

Physical Appearance: yellow frozen solution

Solubility: > 10 mg/mL

Spectrophotometric Data:

FITC Absorbance (498nm) = 1.5

FITC Concentration = 18.3 uM

Ultraviolet Absorbance (280nm) = 4.7 $\epsilon^{0.1\%}$ = 1.36

Antibody Concentration = 3.2 mg/mL

Labeling ratio = ~1/1

Considerations:

Storage Conditions: Store frozen at -70°C

Protect from light

Stability > 1yr

Buffer Composition: 0.05 M Sodium Phosphate; 0.1 M NaCl; 1 mM EDTA; pH 6.6

Other: > 98% pure by SDS PAGE

Duane E. Day

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