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Certificate of Analysis

Product: Mouse alpha-2-antiplasmin, His Tag – MA2AP-HIS

Date: April, 2008

Lot: MA2AP-HIS-408

Molecular Weight: 65,000 by SDS PAGE

Physical Specifications:

Physical Appearance: colorless frozen solution

Solubility: > 2 mg/mL

Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 1.782 $\epsilon^{0.1\%} = 0.66$
Concentration = 2.7 mg/mL
Active Concentration = 2.7 mg/mL
by titration with human plasmin

Description:

His tagged mouse alpha-2-antiplasmin produced in insect cells and purified by chelated metal affinity chromatography. Will covalently inhibit plasmin at a one-to-one molar ratio.

Considerations:

Storage Conditions: Store frozen at -70°C – stability > 1yr
Buffer Composition: 0.1M Tris-HCl; 0.15M NaCl; pH 7.4
Other: > 98% pure by SDS PAGE