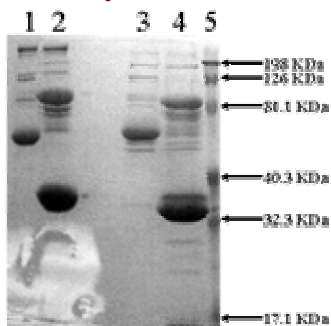


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Certificate of Analysis



10% SDS-PAGE - GelCode Blue Stain

1 RbATIII-305 (5 ug) Non-reduced
2 RbATIII-305 (5 ug) + Thrombin (15 ug) Non-reduced
3 RbATIII-305 (5 ug) Reduced
4 RbATIII-305 (5 ug) + Thrombin (15 ug) Reduced
5 Prestained Standard

Product: Human Antithrombin III – HATIII

Date: 4 March, 2005

Lot: RbATIII-305

Molecular Weight: 58,200 by SDS PAGE

Physical Specifications:

Physical Appearance: colorless frozen solution

Solubility: > 2 mg/mL

Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 5.395 $\epsilon^{0.1\%} = 0.65$
Concentration = 8.3 mg/mL

Considerations:

Storage Conditions: Store frozen at -70°C – stability > 1yr

Buffer Composition: 0.05M Tris-HCl; 0.1M NaCl; pH 7.4

Other: > 90% pure by SDS PAGE.

Fully complexable with human thrombin.

References:

Olson, ST et al. *in* "Methods in Enzymology" (Lorand & Mann), Vol. 222, 1993.

Duane E. Day

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