Product Specification Sheet

Rabbit Antithrombin Product Number: CT07

Aliquot: 1.0 mg Lot Number: ct07.305

Storage: -70°C

DESCRIPTION: Antithrombin is a single chain glycoprotein, which acts as the

primary inhibitor of thrombin and factor Xa.

MOLECULAR WEIGHT: 58 kDa

CONCENTRATION: 8.3 mg/mL determined spectrophotometrically.

STORAGE BUFFER: 0.05M Sodium Phosphate; 0.1 M NaCl; 1mM EDTA; pH 7.4

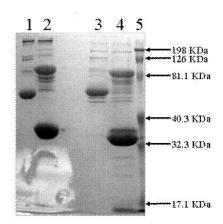
STORAGE: -70°C AVOID REPEATED FREEZE THAW CYCLES

PREPARATION: This prep is prepared from fresh plasma using multi-step

chromatographic methods.

PURITY: This preparation is >95% pure as determined by SDS-PAGE.

NOTES: This product is 98% active as determined by Thrombin titration.



10 % SDS PAGE

- 1. CT 07 (5 µg) Non-reduced
- 2. CT 07 (5 μ g) + Thrombin (15 μ g) Non-reduced
- 3. CT 07 (5 µg) Reduced
- 4. CT 07 (5 μg) + Thrombin (15 μg) Reduced
- 5. Prestained Standard