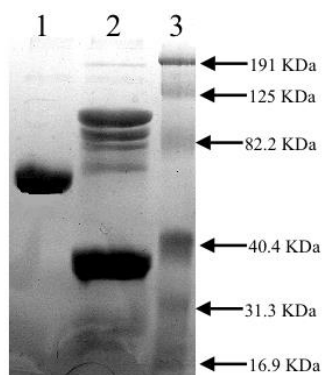


Product Specification Sheet

Human Antithrombin
Product Number: CT01
Aliquot: 1.0 mg
Lot Number: ct01.522
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:	1.38 mg/mL determined spectrophotometrically.
STORAGE BUFFER:	0.05 M NaPO ₄ ; 0.1 M NaCl; 1 mM 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.
REFERENCES:	Olson, ST <i>et al. Methods in Enzymology</i> (Lorand & Mann) Vol. 222, 1993.



10 % SDS PAGE

1. CT 01 (5 µg) Non-reduced
2. CT 01 (5 µg) + Thrombin (15 µg) Non-reduced
3. Prestained Standard