



CERTIFICATE OF ANALYSIS

Anti-Thrombin III

Product Specifications

Product code:	P214-1
Batch No:	19-175
Product presentation:	Single homogenous batch supplied lyophilised from 0.02M NH ₄ HCO ₃ . May contain traces of buffer salts.
Purity:	Nominally greater than 96% of the protein is Anti-Thrombin III.
Starting material:	Pooled normal human plasma. Starting material donor tested and found negative for HIV I & II antibodies, Hepatitis B surface antigen, and Hepatitis C antibodies.
Storage:	Store at 2-8°C, shelf life minimum 1 year.
Reconstitution:	Use of phosphate buffer, pH >7.0 containing 0.15M NaCl is recommended.
Expiry Date:	05/Nov/2012

Product Analysis

SDS-Polyacrylamide Gel Electrophoresis:	To show one band corresponding to Anti-Thrombin III molecular weight of 60kD.
Cellulose Acetate Electrophoresis:	To show one band only visible with inter-alpha electrophoretic mobility.
Radial immunodiffusion (RID) using Binding Site kit:	To show a positive reaction confirms identity and verifies dispensed quantity.
Lowry assay (total protein):	To confirm protein concentration.
Protein concentration by optical density at 280nm using E^{1cm} = 0.6, recovery at 1mg/ml reconstituted vial:	1.09 mg/ml.