Creative Enzymes®

Immobilized human antithrombin

Cat. No. NATE-1756

Lot. No. (See product label)

Introduction

Description	May be used repeatedly. Protocol for purifying high affinity heparin with immobilized antithrombin: 1. Equilibrate immobilized antithrombin in TBS (0.1M Tris-HCl, 0.15M NaCl, pH 7. 4) or PBS (0.05M Sodium Phosphate, 0.15M NaCl, pH 7. 4). 2. Apply heparin in TBS or PBS. Binding capacity is ~0.1 mg high affinity heparin / ml resin and must be determined by the end user. 3. Wash and elute heparin with 3M NaCl in TBS or PBS. 4. Re-equilabrate resin in TBS or PBS. 5. Add 0.02percent Sodium Azide for storage.
Synonyms	Antithrombin; AT; ATIII; AT3, AT3D, THPH7, serpin family C member 1

Product Information

Species	Human
Source	Human plasma
Form	Frozen liquid
Molecular Weight	58200
Purity	>95% by SDS-PAGE analysis
Concentration	1. 0 mg/ml
Buffer	0.1M Tris-HCl; 0.15M NaCl; 0.02% Sodium Azide; pH 7. 4
Preservative	Sodium Azide
Extinction coefficient	0.65

Storage and Shipping Information

Storage	4°C
Stability	12 months from delivery