

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-equilibrate 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