

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: A50109H **Lot #:** 1E13322

Description: Antithrombin III

Antithrombin III is found in normal serum at 15 mg/100mL. Found at higher levels in plasma than in serum because of complexing with thrombin during coagulation. Functions in the inhibition of the proteolytic enzymes involved in blood coagulation and fibrinolysis, including factor Xa, plasmin, thrombin, and trypsin. Potency is strongly enhanced by heparin. Molecular weight 58 kDa.

Source: Human

Format: Purified Plasma, Lyophilized.
Reconstitute with 251 uL distilled water.

Purification: >95% pure (SDS-PAGE)

Concentration: 3.98 mg/ml (prior to lyophilization)

Buffer: Lyophilized from 50 mM Tris-HCl, pH 8.0 containing 150 mM Sodium Chloride.

Preservative: None

Applications: Specific methodologies have not been tested using this product.

Storage: Store at -20°C. Avoid multiple freeze/thaw cycles.

Inactivation: Not applicable

Safety Notes (s): Refer to the appropriate Safety Data Sheet (SDS) for additional information

Quality Signature:



13 May 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY