

CERTIFICATE OF ANALYSIS

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

Catalog #: A50109H **Lot #:** 5E14214

Description: Human Plasma Antithrombin III

Antithrombin III is found in normal serum at 15mg/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 58kDa.

Source: Human Plasma

Format: Purified, Lyophilized.
Reconstitute with 34.5 ul distilled water.

Purification: >95% pure (SDS-PAGE)

Concentration: 2.9 mg/ml (prior to lyophilization)

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

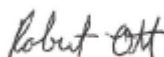
Preservative: None

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

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

Inactivation: Not applicable

Warnings: All human source materials have tested negative for HIV1, HIV2 and non-reactive for HCV and HBc antibodies and HBsAg. No test guarantees a product to be non-infectious. Therefore, all material derived from human fluids or tissues should be considered as potentially infectious.



Signature

10 Feb 2016

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY