



PRODUCT SPECIFICATION

Antithrombin III (ATIII), Human, Lyophilized

Catalog Number: A2814 **Part Number:** 90087

Source: Human Plasma

Form

White powder, lyophilized from 20mM Tris, pH 8.0 ± 0.1

Purity Specification

≥ 95% by SDS-PAGE

Protein / Content Specification

Report protein concentration by A₂₈₀ prior to lyophilization (E_{mg/ml} = 0.70)

Activity Specification

Report activity by Bovine Thrombin Inhibition Assay

Characteristics Specification

One unit will form a complex and inhibit one unit of bovine thrombin at room temperature, using a 5 minute incubation in the presence of heparin

Storage / Shipping

Product is shipped using a refrigerated gel pack or dry ice (**not temperature monitored**). On arrival, store refrigerated at 2°C to 8°C short term (up to 2 weeks) or frozen below -15°C. After reconstituting, store frozen in small aliquots. Avoid repeated freeze-thaw cycles.

Precaution / Hazard Statement

Tested and found negative for HIV 1 & 2, Hepatitis B, and Hepatitis C. Although source materials have been tested for certain diseases, no test can absolutely assure the absence of all infectious agents. Therefore, this product should be handled as a potential biohazard.

Intended Use: For Research Use or Further Manufacture Only. Not for Use in Diagnostic Procedures.

Manufacturers of the highest quality proteins and antibodies.