

Product: Antithrombin III
Catalog #: 12-7604
Amount: 50 µg

DESCRIPTION:

Antithrombin III is found in normal serum at 15mg per 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. Clinically, reduced levels are indicative of hypercoagulability

SOURCE:

Human plasma

MOLECULAR WEIGHT:

65,000

BUFFER:

50 mM Tris -HCl, pH 8.0, with 150 mM NaCl.

PURITY:

> 95% by SDS-PAGE

STORAGE:

Frozen (-20°C)

QUALITY CONTROL:

Nonreactive and negative for HBsAg, anti-HCV, anti-HBc, and anti-HIV by FDA-required tests.

Because no test method can offer complete assurance that products derived from human source will not transmit infectious agents, it is recommended that this product be handled with the same precautions used for patient specimens.

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