



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet Human Plasma Antithrombin III

Catalog No.
MD-14-0014P

Source
Human Plasma

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.

Formulation

Format: Purified, Lyophilized.

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

Preservative: None

Inactivation: Not applicable

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

Purification

>95% pure (SDS-PAGE)

Concentration

1.44mg/ml (prior to lyophilization)

Reconstitution

Reconstitute with 69.5ul distilled water.

Storage

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

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**