

DATA SHEET

Product Name: Plasminogen, Human Plasma

Catalog #: A-2009

Molecular Mass: 90,000 to 92,000 Da

Protein Purity: >95% by SDS-PAGE

Handling: Store in Tightly Sealed Vial

Appearance: Lyophilized from 20 mM Tris-HCl, pH 7.5, with 2 mM EDTA

Storage: Freezer

Activity: Greater than 120 units per mg protein. One unit is defined as the amount of the enzyme which hydrolyzes one μ mole of N-tosyl-L arginine-methyl ester in 30 minutes at 37°C, pH 8.0

Description: Plasminogen is the precursor of the serine protease plasmin which is involved in fibrinolysis. The Tissue Plasminogen Activator-Plasminogen Proteolytic Cascade Accelerates Amyloid- β ($A\beta$) Degradation and Inhibits $A\beta$ induced Neurodegeneration.

References: 1. Melchor, J.P., et al., (2003) The Journal of Neuroscience, 23(26) : 8867-8871

Notes: Prepared from plasma shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.

For research use only. Not for use in humans.