

DATA SHEET

Product Name: Plasmin, Human Plasma

Catalog #: A-2008

Molecular Mass: 81,000 Da

Protein Purity: >95% by SDS-PAGE

Handling: Store in Tightly Sealed Vial

Appearance: Lyophilized from 20 mM NaPO₄, pH 7.4, with 10 mg D-Mannitol and 10 mg NaCl

Storage: -20°C / Freezer

Activity: One unit is defined as the amount of enzyme that hydrolyzes one μ mole of tosyl-Gly-Pro-Lys-pNA per minute at 25°C, pH 7.8. Note: One unit =1.25 CU.

Description: The plasmin system is involved in the degradation of Abeta peptides¹. Brain plasmin enhances APP alpha-cleavage and Abeta degradation and is reduced in Alzheimer's disease brains^{1,2}.

References:
1. Shibata, N., et al., (2006) Neurobiol Aging, PMID : 16828203
2. Ledesma, M.D., et al., (2000) EMBO Rep., 1(6) : 530-5

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.