

**DATA SHEET**

<b>Product Name:</b>	Plasmin, human plasma
<b>Catalog #:</b>	A-2008
<b>Molecular Mass:</b>	81,000 kDa
<b>Appearance:</b>	Lyophilized from 20 mM NaPO <sub>4</sub> , pH 7.4, with 10 mg D-Mannitol and 10 mg NaCl
<b>Activity:</b>	One unit is defined as the amount of enzyme that hydrolyzes one $\mu$ mole of tosyl-Gly-Pro-Lys-pNA per minute at 25°C, pH 7.8. Note: One unit =1.25 CU.
<b>Storage:</b>	Freezer
<b>Purity:</b>	$\geq$ 95% by SDS-PAGE
<b>Handling:</b>	Store in Tightly Sealed Vial.

**Description:**

The plasmin system is involved in the degradation of Abeta peptides<sup>1</sup>. Brain plasmin enhances APP alpha-cleavage and Abeta degradation and is reduced in Alzheimer's disease brains<sup>1,2</sup>.

**References:**

1. Shibata, N., et. al., (2006), Neurobiol Aging. Jul 5, PMID: 16828203.
2. Ledesma, MD, et. al., (2000), EMBO Rep. Dec;1(6):530-5.

**Note:** 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.**