

Enzymatic Activity Comparison of Common Fibrinolytic Enzymes

Product	t-PA Activity/cap	t-PA Activity/mg	Relative Strength to Lumbrokinase
Lumbrokinase 20 mg/cap, 300,000 u/cap Lot#041210	2,597,000 u	129,800 u	1
AH Nattokinase 100 mg/cap, 20,000 FU/g Lot#070403	360,000 u	3,600 u	1/36
OH Serrapeptidase 20 mg/cap, 40,000 iu/cap Lot#B39275006	8,832 u	441 u	1/294
DH PLA Bacillopeptidase F 250 mg/cap Lot#402935	2,906 u	11 u	1/12,900

Note 1: Boluoke® was the lumbrokinase standard used for comparison

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Note 2: All Samples were blinded. t-PA chromogenic assays were performed by Hemostasis Reference Laboratory Inc., Hamilton, Ontario, Canada (Feb. 2011)

Note 3: When comparing the enzymatic strength between various products, it is important to know the enzymatic activity per unit and the total enzymatic activity per capsule. However, the enzymatic activity per milligram may be MORE important than the total enzymatic activity per capsule. If two products have the same total enzymatic activities per capsule, taking the weaker enzyme may not give you the same benefits as taking the stronger one. For example, if Product A & B both contain 100,000 units of a particular enzymatic activity per capsule, but Product A contains 10mg active enzyme and Product B contains 200mg active enzyme per capsule. Clinically, you will likely see a better response from taking Product A because it contains a stronger enzyme.