Creative Enzymes®

Immobilized human plasmin

Cat. No. NATE-1757

Lot. No. (See product label)

Introduction

Description	We have immobilized human Lys plasmin on agarose resin by coupling of primary amines. Plasmin retains catalytic activity when coupled and may be used to efficiently activate single-chain tPA and uPA to the two-chain form. It may also be used to convert plasminogen from its native Glu form to the Lys form by removing the first 77 amino acids.
Synonyms	fibrinase; fibrinolysin; actase; serum tryptase; thrombolysin; plasmin; EC 3. 4. 21. 7; 9001-90-5; PLG

Product Information

Species	Human
Source	Human plasma
Form	Resin
EC Number	EC 3. 4. 21. 7
Molecular Weight	85000
Purity	>95% by SDS-PAGE analysis
Concentration	1. 0 mg/ml
Buffer	0.1M HEPES; 0.1M NaCl; 0.02% Sodium Azide; pH 7. 4
Preservative	Sodium Azide
Extinction coefficient	1. 69

Storage and Shipping Information

Storage	4°C
Stability	12 months from delivery