

## Native Human Plasmin

Cat. No. NATE-0598

Lot. No. (See product label)

### Introduction

#### Description

Plasmin plays a role in fibrinolysis, fibrinogenolysis, and the complement cascade. This protease is prepared by activating human plasma plasminogen using streptokinase. This serine protease exhibits specific fibrinolytic activity with minimal off-target effects. Primarily used in thrombus dissolution research, coagulation studies, and as a reference standard in diagnostic applications.

#### Synonyms

Fibrinolysin

### Product Information

#### Source

Human Plasma

#### Form

Lyophilized

#### Molecular Weight

81,000 Da

#### Purity

≥ 90% by SDS-PAGE

#### Activity

15 units/mg protein (pre freeze/lyophilization) 10 units/mg protein (post lyophilization)

#### Buffer

Lyophilized from 20 mM NaPO<sub>4</sub>, pH 7.4, with 25 mM Trehalose.

#### Unit Definition

One unit is defined as the amount of enzyme that hydrolyzes 1 μmol of tosyl-gly-pro-lys-pNa/per min at 25 °C, pH 7.8.

### Usage and Packaging

#### Package

500 μg and 1 mg.

### Storage and Shipping Information

#### Storage

≤ -20°C