

Native Porcine Thrombin

Cat. No. NATE-0970

Lot. No. (See product label)

Introduction

Description

Thrombin is a serine protease that in humans is encoded by the F2 gene. Prothrombin (coagulation factor II) is proteolytically cleaved to form thrombin in the coagulation cascade, which ultimately results in the reduction of blood loss. Thrombin in turn acts as a serine protease that converts soluble fibrinogen into insoluble strands of fibrin, as well as catalyzing many other coagulation-related reactions.

Applications

Diagnostic Controls, Calibrators & Standards; Immunoassays; Testing/Assay Validation; Life Science; Manufacturing; Coagulation/Anemia

Synonyms

thrombin; alpha Subunit Thrombin

Product Information

Species

Porcine

Source

Porcine Plasma

Form

Liquid in 0.05 M sodium Citrate, 0.2 M NaCl, 0.1% PEG-8,000, pH 6.5.

Molecular Weight

362 kDa

Activity

> 1,000 NIH U/mg

Concentration

> 0.5 mg/mL

Storage and Shipping Information

Storage

Store at -20°C

Stability

2 years