

## Native Russell's viper venom Factor V Activating Enzyme

Cat. No. NATE-0249

Lot. No. (See product label)

### Introduction

#### Description

Factor V activator for RVV contains fucose, mannose, galactose, glucosamine, and neuraminic acid. Factor V activating enzyme from RVV is an arginine esterase that is sensitive to diisopropyl fluorophosphate (DFP).

#### Applications

Factor V activating enzyme from Russell's viper venom (RVV) is a single-chain glycoprotein that is involved in the rapid clotting of blood. Factor V circulates in the blood as an inactive cofactor and must be activated by proteases such as Factor V activating enzyme from RVV 1. This product may be useful in studying the blood coagulation cascade as well as the inherited deficiency called parahemophilia

#### Synonyms

EC 3.4.21.95; Factor V Activating Enzyme; Snake venom factor V activator; 65522-14-7; Factor V activator

### Product Information

#### Source

Russell's viper venom

#### Form

lyophilized powder; Stabilized in albumin and sodium chloride.

#### EC Number

EC 3.4.21.95

#### CAS No.

65522-14-7

#### Activity

20 units/mg protein

#### Unit Definition

One unit will increase the Factor V activity in 0.1 mL of fresh normal human plasma by at least 2× after incubation for 3 min at 37°C.

### Storage and Shipping Information

#### Storage

−20°C