

## Factor Xa Chromogenic Substrate 3

Cat. No. CSUB-0620

Lot. No. (See product label)

### Introduction

#### Description

Chromogenic substrates are peptides that react with proteolytic enzymes under the formation of color. They are made synthetically and are designed to possess a selectivity similar to that of the natural substrate for the enzyme. Attached to the peptide part of the chromogenic substrate is a chemical group which when released after the enzyme cleavage gives rise to color. The color change can be followed spectrophotometrically and is proportional to the proteolytic activity.

#### Applications

For research applications. Chromogenic substrate for Factor Xa.

#### Synonyms

Chromogenic Substrate for Factor Xa; Chromogenic Substrate; Factor Xa Chromogenic Substrate

### Product Information

#### Form

Lyophilized powder

#### Molecular Formula

C33H45N9O9, HCl (Form 1) C32H43N9O9, HCl (Form 2)

#### Molecular Weight

711.8 Da (Form 1); 697.7 Da (Form 2)

#### Purity

> 95%

#### Concentration

about 35 µMoles/vial

#### Solubility

≥ 5 mg/mL in distilled water

#### Substrates

Factor IXa

### Storage and Shipping Information

#### Storage

2-8°C

#### Stability

Lyophilized product: 30 months at 2-8°C. Reconstituted product: 7 days at room temperature (18-25°C); 3 months at 2-8 °C. Do not freeze