

## 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

<b>Form</b>	Lyophilized powder
<b>Molecular Formula</b>	C33H45N9O9, HCl (Form 1) C32H43N9O9, HCl (Form 2)
<b>Molecular Weight</b>	711.8 Da (Form 1); 697.7 Da (Form 2)
<b>Purity</b>	> 95%
<b>Concentration</b>	about 35 $\mu$ Moles/vial
<b>Solubility</b>	$\geq$ 5 mg/mL in distilled water
<b>Substrates</b>	Factor IXa

### Storage and Shipping Information

<b>Storage</b>	2-8°C
<b>Stability</b>	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