

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 μ Moles/vial

Solubility \geq 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