

Hinweis/Note:

Der Packungsbeileger dient nur als erste Information. Der relevante Packungsbeileger liegt der Ware bei.
The datasheet is for information purposes only. The current datasheet will be enclosed with product shipment.

PENTAPHARM

Pefachrome[®] FXa 8595 (corresp. S-2765)

Application: Highly sensitive chromogenic peptide substrate for factor Xa. Determination of factor Xa activity for research, in-process and quality control of factor Xa preparations.

Formula: Z-D-Arg-Gly-Arg-pNA · 2HCl

Principle: Z-D-Arg-Gly-Arg-pNA + FXa ==> Z-D-Arg-Gly-Arg-OH+ pNA+ FXa

Solubility: > 10 mM in dist. H₂O

MW: 714.6 g/mol

K_{cat}: 290 s⁻¹

K_M: 0.1 mol/L

Storage: May be used by the expiry date given on the label when stored unopened, protected from moisture, in the dark, 2 - 8°C. Avoid contamination of the reagents by micro-organisms. Shipment of product does not require cooling during the time of transportation.

Material required but not provided:

Buffer, 25 mM CaCl₂

Buffer: 50 mM Tris-HCl pH 8.4

RVV-X: 25 AU/ml in 25 mM CaCl₂

Micro assay: Suggested protocol for the determination of factor X in plasma:

0.100 ml RVV-X
0.010 ml human citrated plasma
=> incubate for 75 s at 37 °C - to activate factor X into factor Xa

0.790 ml buffer
0.100 ml Pefachrome[®]FXa 8595 (4 mM in water)
=> Determination of ΔOD/min at 405 nm

Package size: Vial containing 25mg Pefachrome[®]FXa 8595

Code: 085-27

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