



Technochrom® anti-Xa

TECHNOCHROM® anti-Xa is a system of reagents for the chromogenic determination of direct and indirect Xa inhibitors in human citrated plasma. The assay is based on the inhibition of activated factor X (FXa) by Antithrombin (AT) in the presence of heparin as measured by a chromogenic FXa substrate.

Test principle

Xa-Inhibitor] + Xa (excess) \longrightarrow [Xa-Inhibitor - Xa] + Xa (residual)

Xa (residual) + Substrate \longrightarrow pNA

The amount of pNA, released by enzymatic hydrolysis, is measured at 405 nm. There is an inverse relationship between the amount of heparin present in the sample and colour development.

Reagents and stability (opened, reconstituted)

The expiry date printed on the labels applies to storage of the unopened bottles at +2-8 °C.

R1 anti-Xa Buffer	1 x 20 mL	2 weeks at 18-25 °C 2 month at 2-8 °C
R2, lyophilized	1 x 4 mL	2 weeks at 18-25 °C 2 month at 2-8 °C
R3, lyophilized	1 x 4 mL	2 weeks at 18-25 °C 2 month at 2-8 °C

Number of detection:

80

Article No.:

5340250