

Anticoagulant Line

Anti-Xa



Anti-Xa
line

STA[®]-Rivaroxaban Calibrator & Control

For rivaroxaban concentration determination

- For specific concentration determination using an Anti-Xa method
- Fully automated on Stago automated coagulation instrumentation

For Research Use Only; Not for use in Diagnostic Procedures



Stago

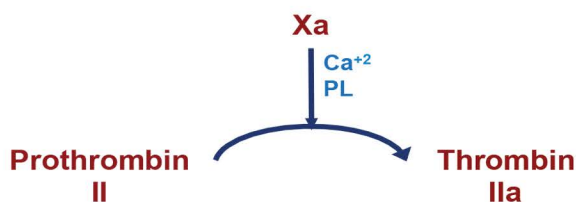


STA[®] - Rivaroxaban Calibrator and STA[®] - Rivaroxaban Control

For the determination of rivaroxaban concentration in research studies

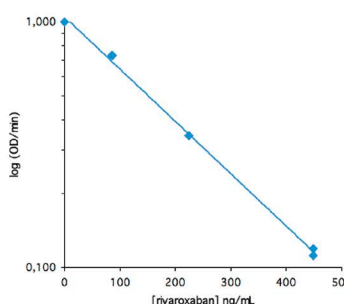
- Rivaroxaban (Xarelto[®]) is a new oral anticoagulant directly targeting coagulation factor Xa, and is not dependent on antithrombin¹
- Rivaroxaban concentration measurement is useful for research studies taking place in academic and pharmaceutical research settings
- Our liquid, ready to use chromogenic anti-Xa reagent has been demonstrated to be a precise, reproducible method for measuring rivaroxaban²
- Our rivaroxaban calibrator plasmas, designed for use with our liquid anti-Xa reagent, have four concentration levels (graph below)

A fully automated, standardized and precise anti-Xa method for measuring rivaroxaban



The normal function of factor Xa (Xa) is cleaving prothrombin (II) to generate thrombin (IIa). When anticoagulants targeting Xa are present, competition occurs between this mechanism and the inhibitory mechanism of the drug. This observed inhibition is largely responsible for the anticoagulant action of anti-Xa drugs.

Anti-Xa method (STA[®] - Liquid Anti-Xa)



- For specific determination of rivaroxaban concentration
- Insensitive to analytical and biological variables
- Wide working range, from residual to high rivaroxaban concentrations (25 - 500 ng/mL)
- Intra-assay %CV is 2.8 & 3.3% while the inter-assay %CV is 1.9 & 2.5% for two different samples tested at low and high ends of the working range

Reagents are offered with all the standard features of other Stago automated coagulation tests

- Barcoded reagents for optimal ease of use while minimizing sources of error
- Results available within a few minutes, allowing for high volume testing over a limited period of time
- Fully automated on the STA-R Evolution[®] Expert Series and STA Compact[®] instruments with dedicated test setups

	STA [®] -Rivaroxaban Calibrator	STA [®] -Rivaroxaban Control
	Cat. # 00704US - 3 x 4 levels x 1 mL	Cat. # 00706US - 3 x 2 levels x 1 mL
	0 - 100 - 250 - 500 ng / mL	100 and 300 ng / mL
	Anti-Xa	Anti-Xa
Reagents	STA [®] - Liquid Anti-Xa Cat. # 00311US - 6 x 4 mL	STA [®] - Liquid Anti-Xa Cat. # 00322US - 6 x 8 mL
Working range	25 - 500 ng / mL	25 - 500 ng / mL

REFERENCES

- Xarelto[®] package insert, Janssen Pharmaceuticals
- Harenberg et al., Determination of Rivaroxaban in Human Plasma Samples, Semin Thromb Hemost 2012; 38: 178-184

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