

MRX Thrombin Time

- ▶ High precision, repeatability CV $\leq 2.6\%$
- ▶ High stability, up to 7 days reconstituted
- ▶ High sample to reagent ratio



MRX Thrombin Time (TT) reagent is a functional clotting assay measuring the ability of exogenous thrombin to convert fibrinogen to fibrin, followed by fibrin polymerisation and clot detection. MRX Thrombin Time has been designed for easy quality control and should only be used with normal controls. The thrombin time may be prolonged

in patients with an impaired polymerisation process, commonly observed in patients with hereditary dysfibrinogenemia. The thrombin time may also be prolonged due to presence of fibrinogen degradation products and drugs, i.e., direct and indirect thrombin inhibitors.

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DETAILS

Product form	Lyophilised
Wavelength	For instrument specific settings, consult instrument applications.

ANALYTICAL PERFORMANCE CHARACTERISTICS

ACL TOP 700 CTS has been used for these measurements.

	Sample	Repeatability	
		Mean TT (s)	CV%
Precision	Level 1	14.6	2.6
Heparin sensitivity	Heparin (U/dL)	Lot A (s)	Lot B (s)
	0	13.4	15.4
	1	14.4	16.7
	3	19.0	26.0/No clot
	5–20	No clot	No clot
Dabigatran sensitivity	Dabigatran (mg/dL)	Lot A (s)	Lot B (s)
	0	13.7	15.1
	0.001	32.2	38.4
	0.002–0.04	No clot	No clot
No interference with	<ul style="list-style-type: none"> ▶ Bilirubin <40 mg/dL ▶ Haemoglobin <250 mg/dL ▶ Triglycerides <125 mg/dL 		

STABILITY AND STORAGE

Storage	2–8 °C
Shelf-life	24 months at 2–8 °C
After reconstitution	7 days at 2–8 °C or 2 days at 15–25 °C

ORDERING INFORMATION

PRODUCT NUMBER	PRODUCT NAME	CONTENT
K5032	MRX Thrombin Time	6x2 mL

ASSOCIATED PRODUCTS

PRODUCT NUMBER	PRODUCT NAME	CONTENT
K5039	MRX Routine Normal Control	10x1 mL
K5036	MRX Laboratory Water	10x5 mL