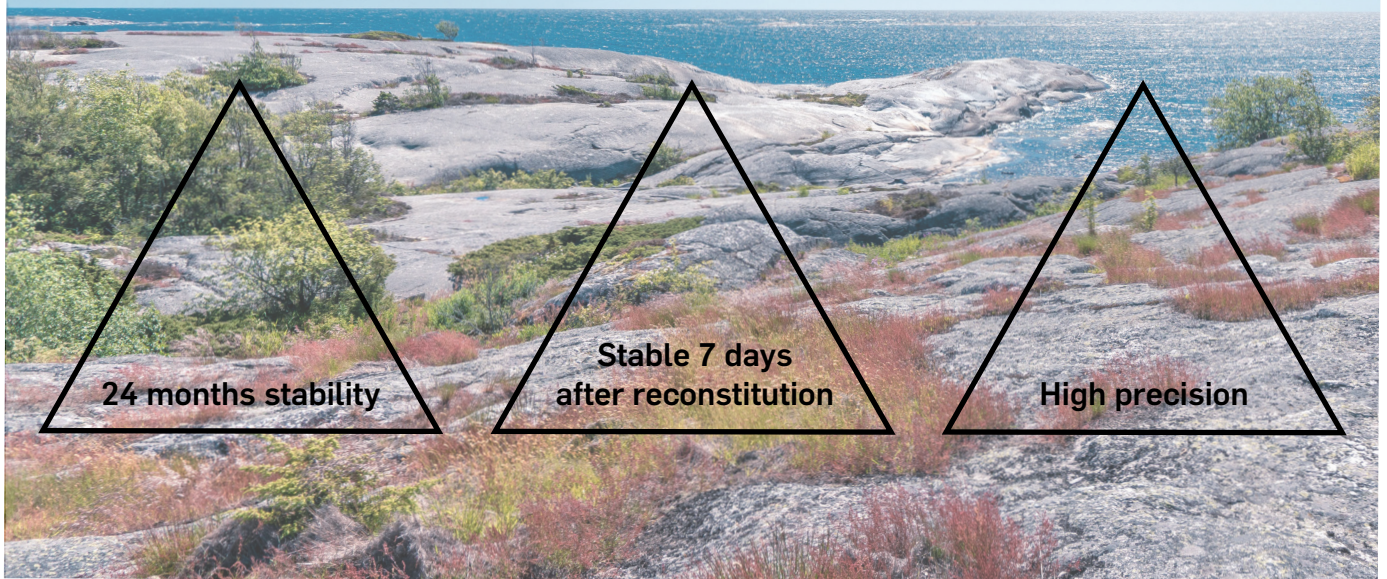


# Thrombin Time



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. 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.



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

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For downloads, please visit [nordicbiomarker.com](http://nordicbiomarker.com)

## 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.

Precision	Sample	Repeatability	
	Level 1	Mean TT (s)	CV%
	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"> <li>▶ Bilirubin &lt;40 mg/dL</li> <li>▶ Haemoglobin &lt;250 mg/dL</li> <li>▶ Triglycerides &lt;125 mg/dL</li> </ul>		

## 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
C3104	Thrombin Time 2 mL	2 mL

## ASSOCIATED PRODUCTS

PRODUCT NUMBER	PRODUCT NAME	CONTENT
C3109	Routine Normal Control	1 mL
C3137	Laboratory Water 5 mL	5 mL