

# MRX APTT

- ▶ Liquid components, ready to use
- ▶ Near colloidal silicate contact activator
- ▶ Insensitive to lupus anticoagulant
- ▶ Highly sensitive to UFH
- ▶ Excellent factor sensitivity



Activated partial thromboplastin time (APTT) is a clotting test for detecting abnormalities within the intrinsic and common coagulation pathways. The APTT test is a global coagulation assay where the test result depends on the combined performance of coagulation factors II, V, VIII, IX, X, XI, XII, and fibrinogen. MRX APTT is a liquid reagent with low lot-to-lot

variation and long shelf life based on colloidal silica as the contact activator and phospholipids of plant origin. MRX APTT is sensitive to mild deficiencies of FVIII, FIX, and FXI and has high sensitivity to unfractionated heparin. Moreover, MRX APTT is insensitive to lupus anticoagulants which is an advantage when screening for coagulation factor deficiencies.

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

## DETAILS

Product form	Liquid components, ready to use
Wavelength	For instrument specific settings, consult instrument applications.

## ANALYTICAL PERFORMANCE CHARACTERISTICS

(Sysmex CN-series)

	Sample	Repeatability		
		Mean APTT (s)	CV%	
Precision	Level 1	26.6	0.2	
	Level 2	52.8	1.2	
	Level 2	84.4	0.9	
Heparin sensitivity	Heparin (U/mL)	Clotting time (s)		
	0	25.8		
	0.1	41.0		
	0.2	70.0		
	0.4	195.4		
Factor sensitivity	Factor activity (%)	Clotting time (s)		
		FVIII	FIX	FXI
	<1	108.2	111.7	115.4
	10	39.8	36.5	41.9
	15	36.7	34.3	38.2
	20	34.6	32.9	36.3
	30	32.8	31.3	34.2
	40	30.5	30.2	31.3
100	24.8	24.8	24.8	
No interference with	<ul style="list-style-type: none"> <li>▶ Bilirubin ≤40 mg/dL</li> <li>▶ Haemoglobin ≤1000 mg/dL</li> </ul>			

## STABILITY AND STORAGE

Storage	2–8 °C
Shelf-life	24 months at 2–8 °C
Open-vial stability	4 weeks at 2–8 °C

## ORDERING INFORMATION

PRODUCT NUMBER	PRODUCT NAME	CONTENT
K5029	MRX APTT	10x5 mL
K5030	MRX APTT	10x10 mL

## ASSOCIATED PRODUCTS

PRODUCT NUMBER	PRODUCT NAME	CONTENT
K5039	MRX Routine Normal Control	10x1 mL
K5040	MRX Routine Abnormal Control	10x1 mL
K5021	MRX Specialty Normal Control	10x1 mL
K5022	MRX Specialty Abnormal Control	10x1 mL
K5049	MRX Calcium Chloride	6x100 mL
K5050	MRX Calcium Chloride	10x5 mL
K5051	MRX Calcium Chloride	10x10 mL
K5036	MRX Laboratory Water	10x5 mL

Manufactured in Sweden