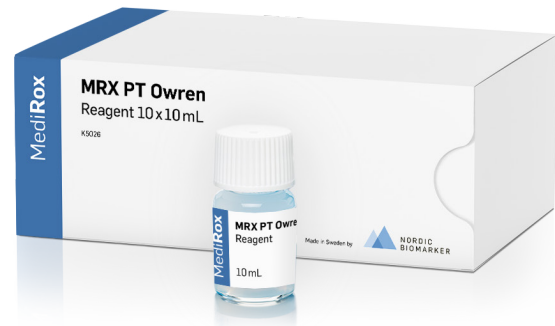


# MRX PT Owren

- ▶ Generates results in International Normalised Ratio (INR) like conventional PT Quick
- ▶ Insensitive to variations in FV and fibrinogen concentration
- ▶ Relatively insensitive to optical interferences
- ▶ Less sensitive to lupus anticoagulants (LA) compared to conventional PT Quick
- ▶ High precision up to INR 6



MRX PT Owren measures the prothrombin time, based on the activity of the vitamin K-dependent coagulation factors; FII, FVII and FX, specifically. MRX PT Owren can be used to monitor warfarin therapy and to evaluate the function of the extrinsic pathway of the coagulation cascade. The

reagent is enriched with FV and fibrinogen from bovine plasma (deficient of FII, FVII and FX), making it insensitive to variations in patient FV and fibrinogen levels. Also, due to the 1:21 sample dilution, the Owren PT method is relatively insensitive to interferences.

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

Manufactured in Sweden

## DETAILS

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

## ANALYTICAL PERFORMANCE CHARACTERISTICS

	Sample	Repeatability ACL Top series		Repeatability Sysmex CS series		Reproducibility <sup>2</sup> Mean INR (CV)
		1X <sup>1</sup> Mean INR (CV)	2X <sup>1</sup> Mean INR (CV)	1X <sup>1</sup> Mean INR (CV)	2X <sup>1</sup> Mean INR (CV)	
Precision	Level 1	1.0 (1.5%)	1.0 (1.5%)	1.0 (0.7%)	1.0 (1.0%)	2.1 (4.0%)
	Level 2	2.8 (1.6%)	2.7 (2.5%)	2.8 (1.3%)	2.7 (1.4%)	2.6 (5.1%)
	Level 3	4.2 (2.4%)	3.9 (2.2%)	4.0 (1.2%)	3.9 (1.0%)	3.1 (4.9%)
	Level 4	5.8 (2.2%)	5.7 (2.8%)	6.3 (1.2%)	6.0 (1.1%)	3.3 (5.5%)
No interference with	<ul style="list-style-type: none"> <li>▶ Bilirubin ≤40 mg/dL</li> <li>▶ Haemoglobin ≤1000 mg/dL</li> <li>▶ Triglycerides ≤1500 mg/dL (ACL Top) or ≤1000 mg/dL (Sysmex)</li> <li>▶ Unfractionated heparin ≤50 U/dL</li> <li>▶ Low molecular weight heparin ≤100 U/dL</li> </ul>					

1. Reconstitution method.

2. Meijer et al. (2018), refer to IFU-4620, IFU-4621, IFU-4622 or IFU-7293.

## STABILITY AND STORAGE

Storage	2–8 °C
Shelf-life	30 months at 2–8 °C
After reconstitution	4 or 6 days at 2–8 °C, depending on reconstitution method

## ORDERING INFORMATION

PRODUCT NUMBER	PRODUCT NAME	CONTENT
K5026	MRX PT Owren	10 x 10 mL
K5027	MRX PT Owren W	10 x 10 mL
K5028	MRX PT Owren S	10 x 10 mL
K5064	MRX PT Owren	10 x 5 mL

## ASSOCIATED PRODUCTS

PRODUCT NUMBER	PRODUCT NAME	CONTENT
K5039/K5021	MRX Routine/Specialty Normal Control	10 x 1 mL
K5040/K5022	MRX Routine/Specialty Abnormal Control	10 x 1 mL
K5049	MRX Calcium Chloride	6 x 100 mL
K5050	MRX Calcium Chloride	10 x 5 mL
K5051	MRX Calcium Chloride	10 x 10 mL
K5036	MRX Laboratory Water	10 x 5 mL
K5037	MRX PT Buffer	10 x 5 mL
K5038	MRX PT Buffer	6 x 100 mL
K5061	MRX PT Buffer	10 x 10 mL
K5063	MRX PT Buffer S	10 x 10 mL
K5065	MRX PT Buffer	10 x 10 mL

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