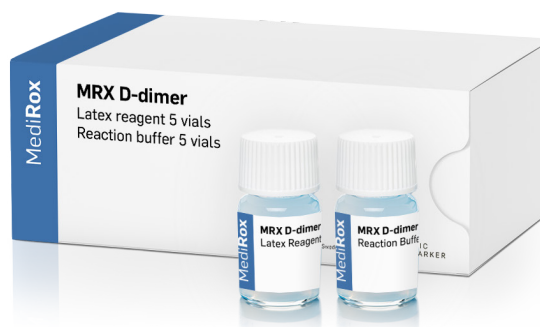


MRX D-dimer

- ▶ Liquid components, ready to use
- ▶ Flexible, adaptable to most 400–800 nm measuring instruments
- ▶ Excellent correlation between product subtypes
- ▶ High sensitivity, low cut-off value (200 ng/mL DDU, 500 ng/mL FEU) for a high exclusion rate of DVT and PE



MRX D-dimer is a clinically proved, high quality reagent for exclusion of deep vein thrombosis (DVT) and pulmonary embolisms (PE). The reagent has a high sensitivity and high efficiency. MRX D-dimer includes three different products designed to match different measuring instruments. For instruments operating in the blue wavelength range (400–600 nm) Nordic Biomarker offers MRX Blue D-dimer. For

instruments operating in the green wavelength range (500–700 nm) Nordic Biomarker offers MRX Green D-dimer. For instruments operating in the red wavelength range (600–800 nm) Nordic Biomarker offers MRX Red D-dimer. All MRX D-dimer products are built upon the same antibody, easing standardisation between different platforms with comparable results regardless of instrument.

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www.nordicbiomarker.com



For downloads, please visit nordicbiomarker.com

Manufactured in Sweden

DETAILS

Product form	Liquid components, ready to use
Wavelength	MRX Blue D-dimer: 400–600 nm MRX Green D-dimer: 500–700 nm MRX Red D-dimer: 600–800 nm

ANALYTICAL PERFORMANCE CHARACTERISTICS

Sysmex CS-2100i has been used for measurements for Blue and Red D-dimer.

Sysmex CS-2500 has been used for measurements for Green D-dimer.

	MRX Blue D-dimer			MRX Green D-dimer			MRX Red D-dimer		
Measuring range	320–8460 ng/mL FEU			205–8400 ng/mL FEU			230–8800 ng/mL FEU		
Precision		Sample	Repeatability		Sample	Repeatability		Sample	Repeatability
			Mean FEU (ng/mL)			Mean FEU (ng/mL)			Mean FEU (ng/mL)
			CV%			CV%			CV%
	Level 1	1030	6.4	Level 1	819	5.1	Level 1	1060	3.5
Level 2	2050	2.5	Level 2	1224	1.9	Level 2	2880	2.0	
Level 3	4000	2.4	Level 3	2100	1.6	Level 3	4230	1.4	
No interference with	<ul style="list-style-type: none"> ▶ Bilirubin <12 mg/dL ▶ Haemoglobin <100 mg/dL ▶ Triglycerides <160 mg/dL ▶ Unfractionated heparin <300 U/dL 			<ul style="list-style-type: none"> ▶ Bilirubin <20 mg/dL ▶ Haemoglobin <500 mg/dL ▶ Triglycerides <971 mg/dL ▶ Unfractionated heparin <330 U/dL ▶ Low molecular weight heparin <330 U/dL 			<ul style="list-style-type: none"> ▶ Bilirubin <40 mg/dL ▶ Haemoglobin <1000 mg/dL ▶ Triglycerides <1000 mg/dL ▶ Unfractionated heparin <330 U/dL ▶ Low molecular weight heparin <330 U/dL 		
Prozone effect	No effect below 250 000 ng/mL FEU.			No effect below 250 000 ng/mL FEU.			No effect below 250 000 ng/mL FEU.		
Specificity	100-fold specificity for D-dimer over fibrinogen, fibrinogen D or fragment E.			100-fold specificity for D-dimer over fibrinogen, fibrinogen D or fragment E.			100-fold specificity for D-dimer over fibrinogen, fibrinogen D or fragment E.		

STABILITY AND STORAGE

Storage	2–8 °C
Shelf-life	18 months at 2–8 °C
Open-vial stability	8 weeks at 2–8 °C

ORDERING INFORMATION

PRODUCT NUMBER	PRODUCT NAME	CONTENT
K5035	MRX Blue D-dimer	5x6 mL Latex reagent 5x7 mL Reaction buffer
K5011	MRX Green D-dimer	5x3.5 mL Latex reagent 5x7 mL Reaction buffer
K5034	MRX Red D-dimer	5x4 mL Latex reagent 5x7 mL Reaction buffer

ASSOCIATED PRODUCTS

PRODUCT NUMBER	PRODUCT NAME	CONTENT
K5012	MRX D-dimer DDU Calibrator	4x1 mL
K5045	MRX D-dimer FEU Calibrator	4x1 mL
K5039	MRX Routine Normal Control	10x1 mL
K5040	MRX Routine Abnormal Control	10x1 mL
K5047	MRX PBS Diluent	10x5 mL
K5036	MRX Laboratory Water	10x5 mL