



MediRox D-Dimer series is a further developed D-Dimer Kit utilizing the same monoclonal antibody in three different reagents, making it suitable to most measuring systems. Thereby a unified D-Dimer reporting can be achieved between different brands of equipment and measuring methods.

- » Adoptable to most 350-900 nm measuring systems
- » Excellent correlation between 405 nm / 660 nm / 750 nm methods
- » Liquid reagent, ready to use





D-Dimer is a key indicator of thrombotic events such as Deep Venous Thrombosis, Pulmonary Embolism and Disseminated Intravascular Coagulation. The reaction is obtained through latex particles coated with a monoclonal antibody directed against D-dimer. In the presence of D-Dimer the latex particles will aggregate and an optical change can be measured.

### PERFORMANCE CHARACTERISTICS

An obstacle in standardizing fibrin D-Dimer reporting has been that manufacturers of instrument have developed reagents based on a unique series of monoclonal antibodies. This has led to a variation in results between systems, and besides the risk of confusion regarding patient results it complicates all forms of external control programs. MediRox MRX series of D-Dimer is unique to share one monoclonal antibody for all reagents. With the same antibody MRX143 and MRX147 can be used on most reading devices, and can be jointly calibrated.

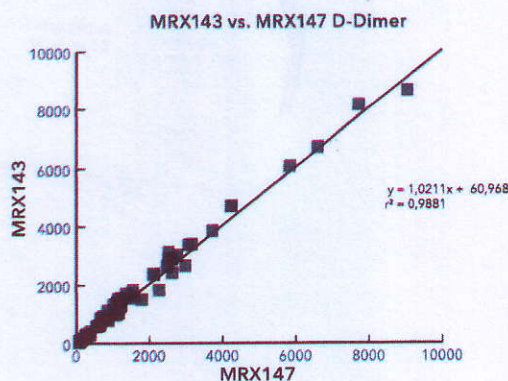


Fig1. Correlation MRX143 (750 nm) vs MRX147 (405 nm)

Figure1 shows an excellent correlation ( $R^2=0.988$ ) between MRX143 (750 nm) and MRX147 (405 nm) reagents.

### COMPATIBILITY

MediRox MRX D-Dimer can be used on most coagulation analyzers. MRX D-Dimer is currently in use with instruments from IL®, Sysmex®, Behring®, Teco®, Bayer®, Behnk, Hitachi®, Olympus® and others.

### ORDERING INFORMATION

Item No.	Product Description	Pack Size
MRX147	400-600 nm D-Dimer Kit	5x3 mL Latex 5x7 mL Buffer
MRX147B	400-600 nm D-Dimer Kit, pre-diluted	5x6 mL Latex 5x7 mL Buffer
MRX143	600-800 nm D-Dimer Kit	5x4 mL Latex 5x7 mL Buffer
MRX144	D-Dimer Calibrator (DDU and FEU)	1x1 mL
MRX1202	MRX Multi-Calibrator 1 (AT, Fib Clauss, D-dimer)	1x1 mL 10x1 mL
MRX170	Eximius Control Basic Triple Set	4x1 mL L1 4x1 mL L2 2x1 mL L3
MRX171/172/173	Eximius Control Basic L1/L2/L3	10x1 mL each
MRX180	Eximius Control PLUS Triple Set	4x1 mL L1 4x1 mL L2 2x1 mL L3
MRX181/182/183	Eximius Control PLUS L1/L2/L3	10x1 mL each