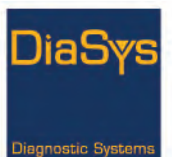


D-DIMER FS

Immunoturbidimetric reagent for sensitive and specific measurement of D-Dimer in citrate plasma

- :: High diagnostic sensitivity
- :: High negative predictive value for deep vein thrombosis
- :: Cut-off value of 0.5 μg FEU/mL
- :: Liquid-stable, ready-to-use reagent
- :: High measuring range combined with high antigen excess security
- :: Application on clinical analyzers and coagulation analyzers (Wavelength 570 nm)



Clinical use

During plasma coagulation soluble fibrin is generated by the influence of thrombin on fibrinogen. The soluble fibrin is cross-linked to the vessel walls by factor XIIIa. When splitting this cross-linked fibrin, characteristic products called D-dimers are released. Increased D-dimer concentrations are found in thrombotic diseases and microthrombotic events (e.g. in case of disseminated intravascular coagulation, DIC). D-dimer determination is mainly used to exclude deep vein thrombosis of the leg and pulmonary embolism.

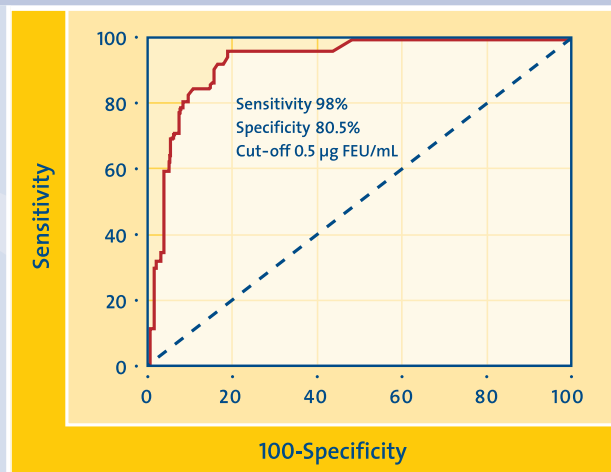
Performance

- :: Wide measuring range up to 8.7 µg FEU/mL
- :: High antigen excess security up to 50 µg FEU/mL
- :: On-board stability up to 6 weeks
- :: Calibration stability up to 6 weeks
- :: Excellent precision

Convenient use

- :: Liquid-stable, ready-to-use reagent
- :: Measurement of citrate plasma
- :: Manual or automated use
- :: Variety of instrument applications available
- :: Appropriate calibrator and controls are available

High diagnostic sensitivity



	Positive for DVT	Negative for DVT
DiaSys D-Dimer FS Positive > Cut-off 0.5 µg FEU/mL	True positive 49	False positive 39
Negative < Cut-off 0.5 µg FEU/mL	False negative 1	True negative 161

n = 250; 50 confirmed DVT; 100 suspected of DVT, but not confirmed; 100 outpatients
Specimens characterized by Prof. Gualtiero Palareti, Angiologia e Malattie della Coagulazione "Marino Golinelli", Bologna

D-Dimer FS

Cat. No.

Kit size

1 7268 99 10 935
1 7268 99 10 921

R1 2 x 12 mL + R2 1 x 8 mL
4 x 100 determinations per kit

Kit for automated systems*
Kit for respons®

Calibrator

1 7260 99 10 047

1 x 1 mL

TruCal D-Dimer

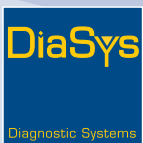
Control

5 9810 99 10 073
5 9820 99 10 073

2 x 0.5 mL
2 x 0.5 mL

TruLab D-Dimer Level 1
TruLab D-Dimer Level 2

* Hitachi 911/912/917 bar code; bottles suitable for Hitachi 704/717/902/911/912/917, Olympus AU 400/640/800/2700, Abbott Aeroset, Siemens ADVIA



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