



	Quantitative Turbidimetric Immunoassay for Estimation of D-Dimer in human plasma on TurboSMART™
Application	<p>Detection of D-Dimer is invaluable as a diagnostic marker for thrombotic conditions such as DIC, DVT and PE. D-Dimer levels can also be used to monitor thrombolytic therapy with t-PA and with streptokinase, thrombotic complications in pregnancy, acute myocardial infarction, sickle cell crisis, severe septic infections, liver disease, DIC accompanying snake bite and prognosis and response to therapy in cancer. D-Dimer testing has been evaluated as a predictive factor for recurrences of VTE after discontinuation of oral anticoagulant therapy.</p>
Measuring range	500-20,000 ng/ml
Specificity	<p>The cross-linked fibrin degradation products, D-Dimer, D-Dimer E, and high molecular weight derivatives are all recognized by TurboSMART™ D-Dimer latex reagent.</p>
Reagent	<p>TurboSMART™ D-dimer Activation Buffer (R1): ready to use buffer.</p> <p>TurboSMART™ D-dimer Latex Reagent (R2): A uniform suspension of polystyrene latex particles coated with mouse monoclonals Anti D-Dimer Antibody. The cross-linked fibrin degradation products, D-Dimer, D-Dimer E, and high molecular weight derivatives are all recognized by TurboSMART™ D-dimer latex reagent. No binding was found to the fibrinogen degradation products X, Y, D, and E to 20 mg/L or to fibrinogen upto 1000 mg/L.</p> <p>TurboSMART™ D-dimer RFID: Card with D Dimer Master Calibration curve.</p>
Test duration	~ 158 secs
Storage / Stability	2-8°C, 12 months
In Use Stability	5 hours at 2-8°C once reconstituted and handled without contamination

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Presentation	Pack	Cat.No.
Turbosmart™ D-dimer	20 Tests	108770020

