



**turbosmart™ D-dimer**  
**Quantitative Turbidimetric Immunoassay for Estimation of D-Dimer in human plasma on turbosmart™**

**Intended Use:**

Detection of D-Dimer is invaluable as a diagnostic marker for thrombotic conditions such as DIC, DVT and PE. D-Dimer testing has been evaluated as a predictive factor for recurrences of VTE after discontinuation of oral anticoagulant therapy. turbosmart™ D-dimer is a quantitative Immunoturbidimetric assay for the determination of D-Dimer in human plasma.

**turbosmart™ D-dimer Kit components:**

<b>turbosmart™ D-dimer Activation buffer (R1)</b>	Ready to use
<b>turbosmart™ D-dimer Latex reagent (R2)</b>	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.
<b>turbosmart™ D-dimer RFID</b>	Card with D Dimer master calibration curve.
<b>Other Accessories</b>	Package Insert & Cuvettes

**Performance Characteristics:**

<b>Measuring range:</b> 500-9999 ng/ml
<b>Specificity:</b> 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.

FEATURES	BENEFITS
<b>Ready to use</b> A uniform suspension of polystyrene latex particles coated with mouse monoclonal Anti D-Dimer Antibody (R2)	High Specificity to cross linked fibrin degradation products.
<b>Lot Specific RFID card</b>	Secures master calibration, optimized mixing and accurate reading of reaction
<b>Calibration traceable to International reference preparation (WHO) of D-dimer</b>	Results aligned to International standards Good inter - method agreement in results.
<b>Convenient pack size of 20 Tests</b>	Facilitates complete utilisation of reagent within stability period.
<b>Unique Cuvette Design</b>	Secures optimized on-board mixing.
<b>Disposable Cuvettes</b>	Secures no carryover effects, reduces labour and minimizes biohazard.

Storage / Stability	Temperature	Duration
<b>Unopened kit</b>	2-8°C	12 months
<b>In Use Stability</b>	2-8°C	75 days

Available Pack Sizes
20 Tests

<b>Suggested control</b>	Turbodyne™ D-dimer control
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