

D-dimer (DD) Assay Kit (Latex-enhanced ITM)

Product Information

Cat#	Kit-080
Description	This latex-enhanced immunoturbidimetric D-dimer assay kit uses antibody-coated latex microspheres to form visible agglutination complexes with circulating D-dimer fragments in plasma samples, enabling rapid quantitative readout via biochemical analyzers. The high-affinity monoclonal antibody pairs deliver wide linear detection ranges covering normal and hypercoagulable populations, with outstanding tolerance to mild hemolytic specimens. This kit works for exclusion detection of venous thrombosis, pulmonary embolism and monitoring of disseminated intravascular coagulation.
Application	This product can be applied for quantitative testing of D-dimer in plasma through latex-enhanced immunoturbidimetric agglutination reaction.
Benefits	Boasts high specificity and outstanding anti-interference properties for stable and reliable detection performance.
Precision	Intra-assay CV $\leq$ 5%; Inter-assay CV $\leq$ 10%.
Linear Range of Detection	This Assay Kit shows a good linearity for DD concentration between 0.5-20 μ g/mL.
Anti-interference Performance	Vitamin C $\leq$ 30 mg/dL; Hemoglobin $\leq$ 1000 mg/dL; Bilirubin $\leq$ 50 mg/dL; Lipemia $\leq$ 2000 mg/dL; Rheumatoid Factors $\leq$ 500 IU/mL
Storage	Excellent stability can be maintained for 18 months when stored sealed below 4°C; stable within 28 days after opening.
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