



Quantia® D-Dimer

Quantitative turbidimetric immunoassay for the estimation of D-Dimer in human plasma

Intended Use:

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.

Quantia® D-Dimer Kit components:

Quantia® D-Dimer Activation Buffer (R1)	Ready to use
Quantia® D-Dimer latex reagent (R2)	A uniform suspension of polystyrene latex particles coated with mouse monoclonal Anti D-Dimer Antibody.
Quantia® D-Dimer Calibrator	Lyophilized preparation of D-Dimer positive plasma equivalent to the stated amount of D-Dimer in ng/ml
Other Accessories	Package Insert, Graph paper

Performance Characteristics:

Measuring range: 125 - 4000 ng/ml	Prozone limit: 10000 ng/ml of D-Dimer.
Specificity: The cross-linked fibrin degradation products, D-Dimer, D-Dimer E, and high molecular weight derivatives are all recognized by Quantia® D-Dimer latex reagent	

FEATURES	BENEFITS
Complete kit includes Activation buffer, latex reagent coated with mouse monoclonal Anti D-Dimer Antibody and Calibrator	High Specificity to Fibrin degradation product Ensures lot to lot reagent calibrator interface Facility of calibration in every kit
Optimized on Immediate mixed blanking procedure	Eliminates need for separate reagent/sample blanking
Well defined assay procedure	Minimal risk of random errors resulting in improved precision No hidden cost of reagents for blanking
Sample blanking and testing performed in same cuvette using single sample aliquot	High precision
Measuring range: 125 - 4000 ng/ml	Minimum reruns
Wide Security range	No prozoning upto 10,000 ng/ml of D-dimer
Standardized and programmable on Quantimate Turbidimetry analyzer	High reagent - instrument interface High accuracy and precision
Convenient pack size of 25 tests	Ideal pack size for all users

Storage / Stability	Temperature	Duration
Unopened kit	2-8°C	12 months
In Use Stability (Reconstituted Calibrator)	2-8°C	7days when stored tightly capped
	25-30°C (R.T.)	48 hours
Working reagent (R1+R2) in the ratio of 1:2	2-8°C	7days

Available Pack Sizes
25 Tests