



DIMERTEST® LATEX

The most accurate and sensitive manual latex agglutination D-dimer test.*

A rapid, manual latex agglutination test for the qualitative and semi-quantitative measurement of cross-linked fibrin degradation fragments in human plasma. With the highly specific monoclonal antibody DD3B6/22^{1,2} coated to latex beads, the test is sensitive to 200 ng/mL of D-dimer.

- Accurate, Reliable, Low Cost
- Results in three minutes
- No instrumentation required
- Measures only the cross linked Fibrin Degradation Products - (XL-FDP) D-dimer
- No cross-reactivity with intact fibrinogen³
- Perfect for emergency departments and stat situations where immediate D-dimer results are needed

*Over 250 published studies referencing DD-3B6/22 make it the 'Gold Standard' MAb for In vitro quantitation of XL-FDP / D-dimer

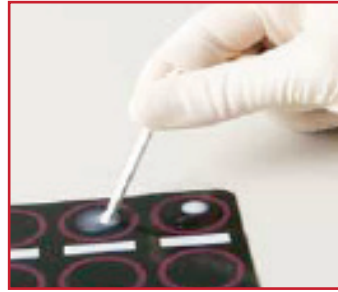
THE QUALITATIVE METHOD



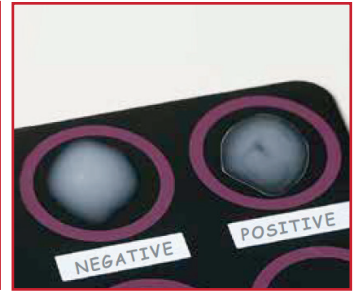
1. Place one drop of Latex Reagent within a circle on the test card.



2. Add 20 µL of patient plasma inside the circle, next to the Latex Reagent.



3. Mix the plasma and Latex Reagent with the stirrer provided.

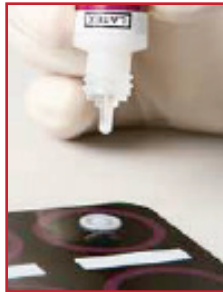


4. Observe the agglutination that occurs when the D-Dimer concentration exceeds 200 ng/mL.

THE SEMI-QUANTITATIVE METHOD



1. Prepare serial dilutions of the patient plasma with buffer.



2. Place one drop of Latex Reagent within a circle on the test card.



3. Add 20 µL of patient plasma inside the circle, next to the Latex Reagent.



4. Mix the plasma and Latex Reagent with the stirrer provided.



5. Gently rock the test card back and forth for three minutes.



6. Observe the agglutination that occurs when the D-Dimer concentration exceeds 200 ng/mL.

As the plasma dilutions agglutinate or not, a range for the D-dimer concentration can be identified.

CONTENTS	
REF	DLHK7
No. of tests	60
Latex reagent	1 x 2.0 mL dropper bottle, white cap
Positive control	1 x 0.6 mL dropper bottle, yellow cap
Negative control	1 x 0.6 mL dropper bottle, black cap
Buffer solution	1 x 20 mL bottle
Test cards	10 each with 8 test circles
Plastic stirrers	60 for mixing

REFERENCES:

- Rylatt, D.B., *et al.* An Immunoassay for Human D-dimer using Monoclonal Antibodies. *Thrombosis Research* 1983, 31(6): 767-788.
- Bick, R.L. Disseminated Intravascular Coagulation: Objective Criteria for Clinical and Laboratory Diagnosis and Assessment of Therapeutic Response. *Seminars in Thrombosis & Hemostasis* 1996, 22(1): 69-88.
- Greenberg, C.S., *et al.* Measurement of Plasma Fibrin D-dimer Levels with the Use of Monoclonal Antibody Coupled to Latex Beads. *American Journal of Clinical Pathology* 1987, 87(1): 94-100.