



A rapid solution for the assessment and evaluation of patients suspected of having thromboembolic events



Biosite



# D-dimer test: maximize your efficiency

## Challenge

- Quickly recognize patients who are at risk for Pulmonary Embolism (PE) or Deep Vein Thrombosis (DVT) <sup>(1)</sup>

## Solution

- **Triage® D-Dimer Test**: an aid in the assessment and evaluation of patients suspected of having thromboembolic events
- Uses the 3B6 D-dimer antibody, which has demonstrated high clinical specificity for PE and DVT <sup>(2,3)</sup>

## Platform

- **Triage® Meter**: cost-effective testing in the lab & POC

## Product Specifications

- **Quantitative** results in approximately **15 minutes**
- **Measurable Range**: 100 - 5000 ng/ml
- **Sample type**: EDTA whole blood or plasma
- **Reference Range**: 100 - 400 ng/ml

## Performance

- Correlates well with other ELISA-based D-dimer methods

Predicate Method	Slope	Intercept ng/mL	Correlation Coefficient	N
bioMerieux VIDAS	1.13	-156.1	0.97	80

Predicate Method	Slope	Intercept ng/mL	Correlation Coefficient	N
Dade Stratus CS <sup>(4)</sup>	0.999	-85.89	0.92	180

## Outcomes

- A recent study evaluating patients suspected of having PE concluded that a **rapid rule-out**, using pre-test probability, rapid D-dimer and alveolar deadspace measurement, resulted in nearly a **25% median reduction** in ED length of stay. <sup>(5)</sup>



### References:

1. C.Feied eMedicine. Dec 2002.
2. Dempfle, C-E, The Fibrin Assay Comparison Trial (FACT), Thrombo Haemost. 2001.
3. Stein et al, D-Dimer for the Exclusion of Acute Venous Thrombosis and Pulmonary Embolism, Ann Intern Med. April 2004.
4. Triage D-Dimer Test Package Insert.
5. Kline, et al, Annals of Emergency Medicine. Nov 2004

**Biosite, an Inverness Medical Company provides healthcare professionals access to rapid diagnostic solutions for Cardiovascular and Thromboembolic Diseases, Toxicology and Nephrology.\***

\* in development



**Inverness Medical has  
changed it's name to Alere**  
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