

# Fluoro-Check™ D-Dimer

One-step quantitative time resolved fluorescence immuno-chromatographic assay for the detection of D-Dimer in human Whole blood or plasma



The Fluoro-Check™ D-Dimer Test is a time resolved fluorescence immunoassay for the quantitative determination of D-Dimer in human whole blood and plasma specimen with Fluoro-Checker™ TRF reader. The test is used as an aid in the diagnosis of Disseminated Intravascular Coagulation (DIC), or Venous Thromboembolism (VTE), which includes Deep Venous Thrombosis (DVT) and Pulmonary Embolism (PE).

## Product Specification

- One-Step quantitative assay in conjunction with Fluoro-Checker™ TRF Reader
- Catalog Number: ND-TF3162
- Measuring Range: 120 ng/mL – 4400 ng/mL
- Sample Volume: 10 µl of whole blood or 5 µl of plasma
- Storage Condition: Room temperature (2-30 °C)
- Shelf-Life: 12 months at storage condition
- Turn Around Time: 15 minutes



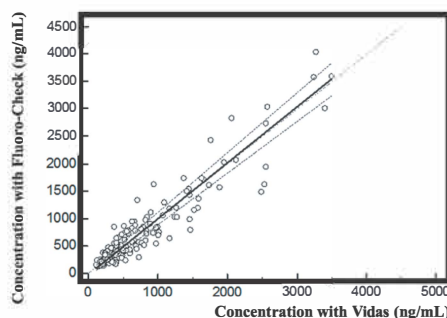
## LoB, LoD and LoQ

- ✓ LoB = 68 ng/mL
- ✓ LoD = 120 ng/mL
- ✓ LoQ = 120 ng/mL

## Precision

Mean	Within run CV	Total CV
375.1 ng/mL	7.1%	8.2%
510.9 ng/mL	6.7%	7.7%
1206.2 ng/mL	6.4%	7.6%
2008.6 ng/mL	7.6%	8.9%

## Method Comparison



- ✓ Sample size (n) = 179
- ✓ Regression:  
 $y = 1.020x + 19.710$
- ✓ Correlation:  
 $\rho = 0.901$