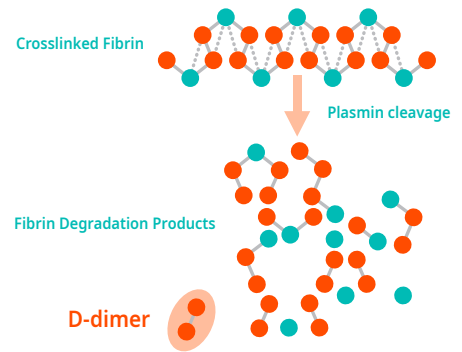


# Vcheck D-dimer



## Highly Sensitive Marker for Thromboembolism

D-dimer is produced from degradation of crosslinked fibrin. Plasmin is the enzyme responsible for thrombolysis and acts on both fibrinogen and fibrin. Plasmin cleaves crosslinked fibrin resulting in a cleavage product consisting of 2 linked D domains or D-dimer.



## When is it elevated?

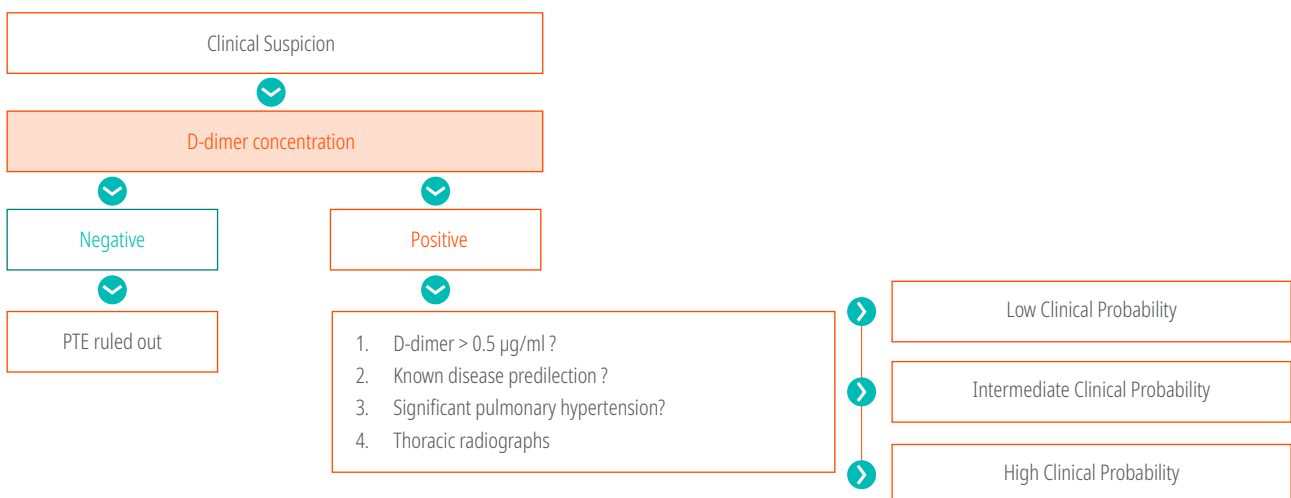
- DIC
- Pulmonary Embolism
- Systemic Thrombosis
- Chronic Congestive Heart Failure

### Known Risk Factors for Thromboembolism in Dogs

- Cancer
- Sepsis
- Pancreatitis
- Vascular diseases (i.e., heartworm)
- Congestive heart failure
- Protein-losing disease
- Immune-mediated disease
- End/Exogenous Corticosteroids

## Clinical Algorithm

Algorithm for Pulmonary Thromboembolism (PTE) in dogs



J Am Anim Hosp Assoc 2005;41:145-149.



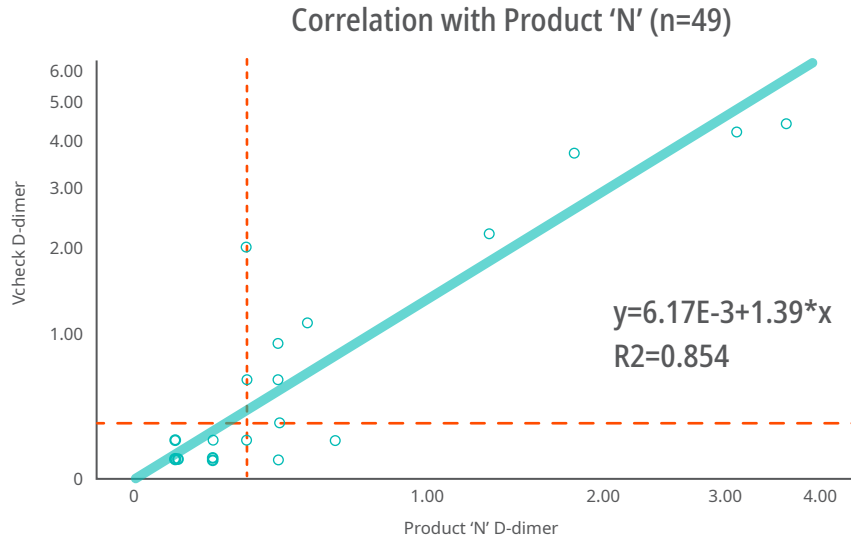
To learn more and place your order

Minneapolis Minnesota

✉ customerservice@bionote.com ☎ 800-727-5169

# Evaluation data

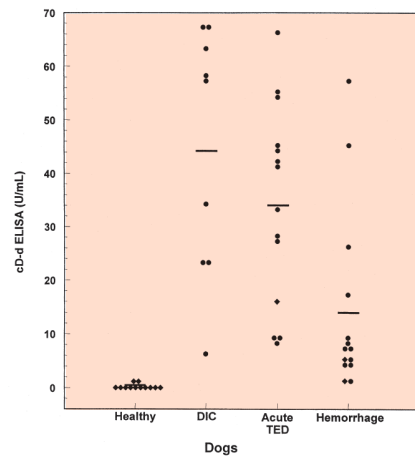
- Stronger Correlation with clinical signs
- High correlation with product 'N' ( $R^2=0.854$ )



# Clinical application

- A Good Screening Test For
  - DIC (Disseminated intravascular coagulation)
  - Acute Thromboembolic Disease
- Assessment of Pulmonary Thromboembolism
- Monitoring of Antithrombotic therapy
- Prediction of Survival Prognosis after Surgery

AJVR, 64(12), 1562-1569, December 2003



# Features



Sample  
**Plasma** (only Sodium Citrate) **5 µl**



Measurement Range  
**0.1 – 10 µg/ml**



Test time  
**5 minutes**

# Ordering Information

Product No.	Product Name	Product Type	Packing Unit
VCF107DD	Vcheck D-dimer	Device	10 Tests/Kit