

## QuickVet® COAG™ PT/aPTT Combo™ Test

The one and only Prothrombin Time (PT) & Activated Partial Thromboplastin Time (aPTT) combination test available

- **In clinic use** - Test results at the patient side
- **Fast and convenient** - Test time less than 15 min
- **No sample preparation** - Uses whole citrated blood
- **Multi species** - Works with both Canine and Feline samples
- **Ease of use** - 3 easy and fast steps to get a result
- **Accurate reliable results** - Test precision < 7 % CV
- **State of the art** - Capillary driven microfluidic technology



### QuickVet® test cartridge

Each QuickVet® cartridge representing state-of-the-art technology has a label stating what kind of test the cartridge performs, a sample well for adding the whole blood sample, several micro channels and two optical detection windows.

### Diagnose bleeding disorders immediately

The QuickVet® COAG™ PT/aPTT Combo™ Test aids in the diagnosis of excessive bleeding, hereditary bleeding disorders, toxins and systemic diseases, rodenticide poisoning, pre-surgical work up, disseminated intravascular coagulopathy (DIC), and possible anemia.

The cartridge is designed to perform blood coagulation tests using citrate stabilized whole blood. The test simultaneously measures the Prothrombin Time (PT) and the Activated Partial Thromboplastin Time (aPTT) giving the veterinarian fast and valuable information on the functionality of the blood coagulation cascade.

### How to perform a test

Three simple and fast steps are all you need to perform a QuickVet® COAG™ PT/aPTT Combo™ Test in the clinic: **Collect a blood sample** ▶ **add sample to cartridge** ▶ **read result.**

It takes less than 15 min to perform the test. The actual time depends on the sample and ambient temperature where testing. Test results obtained under normal operating conditions have a CV (Coefficient of Variation) of 7 % or less. All clotting times are reported in seconds.

### Performance

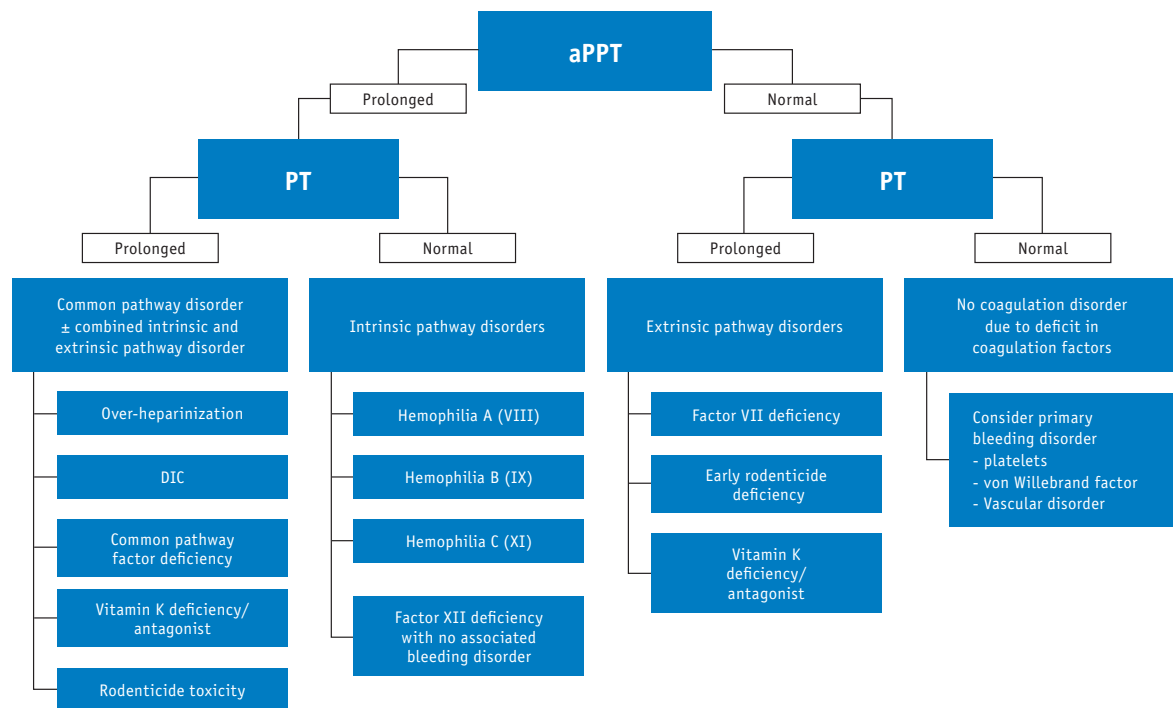
The QuickVet® instrument and the COAG™ PT/aPTT Combo™ Test has in collaboration with the Small Animal Hospital at Copenhagen University been validated for Canine and Feline use. The product enables testing of whole citrate stabilised blood with a hematocrit as low as 15 % on both Canine and Feline samples.

## Coagulation

Blood coagulation is the process by which blood forms clots. Disorders in the coagulation process can lead to an increased risk of bleeding and/or clotting. Events that lead to the formation of a blood clot are simplified in coagulation theory into two coagulation cascades that are referred to as the intrinsic pathway and the extrinsic pathway, both leading to the common pathway and the formation of a stable fibrin clot.

## A suggested coagulation protocol

The analysis of blood coagulation can be a guide in determining a large number of existing or potential disorders that can seriously impact the health of the patient.



## The QuickVet® COAG™ PT/aPTT Combo Test

Each QuickVet® Test cartridge is clearly labelled with the test type and individually packaged in a sealed pouch with a desiccant. A disposable pipette is supplied with each cartridge.

- For use with the QuickVet® Analyzer
- Use on both Canine and Feline samples
- Practical one time use only cartridge
- No cleaning or regular maintenance required
- Results in less than 15 min
- Handles samples with hematocrit between 15-55 %
- Test precision equal or better than 7 % CV
- 1 year shelf-life on cartridges



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