Important: Do not collect fresh whole blood samples until the IDEXX Coag Dx* Analyzer indicates “Add Sample…Press Start.”

1. Remove IDEXX Coag Dx* PT and/or aPTT cartridges from refrigerated storage and allow them to come to room temperature (15°–30°C/59°–86°F). This takes 30–60 minutes. (Do not open the pouch prior to use.)

2. Prepare the venipuncture site by shaving fur (if necessary) and cleansing with alcohol. Allow the site to air-dry completely, as alcohol interferes with the coagulation assay.

*3. On the IDEXX VetLab* Station, specify a patient and initiate a Coag Dx Analyzer test run.

4. The message “Insert…Cartridge” displays on the Coag Dx Analyzer. Open and insert a room temperature PT or aPTT cartridge into the analyzer to warm (Figure 1).

Important:
Wait until the analyzer displays the message “Add Sample…Press Start,” before continuing with the next step.

5. Obtain a minimum of 0.2 mL (0,2 cc) blood with a needle and plastic syringe.

You have five minutes to add the sample to the cartridge and start the test. If the message “Start…TIMED OUT” appears, you must use a new cartridge for this test.

6. Immediately dispense one drop of blood into the sample well of the cartridge (Figure 2).

Figure 1: Insert a Coag Dx PT or aPTT cartridge

Figure 2: Add sample to center of well

Note: A sufficient quantity of blood must be added to the center of the sample well to fill it slightly over the top (Figure 3, sufficient vs. Figure 4, insufficient). If a large drop of blood extends above the center sample well (Figure 5), use a needle to push the extra blood into the outer sample well (Figure 6).

7. Press the Start key. When a clot is detected, the analyzer beeps once. Final results of the test are displayed on the screen.

8. Remove the cartridge. Discard used needles, syringes, and cartridges in the appropriate waste containers.

IDEXX Technical Support:
USA/Canada/Latin America  1-800-248-2483
Europe  00800 1234 3399
Australia  1300 44 33 99
New Zealand  0800 10 20 84
Asia  886-800-291-018
Taiwain  0800 291 018
China  400 678 6682

*For a stand-alone Coag Dx Analyzer, replace steps 3 and 4 with these steps:
3. The message “Insert…Cartridge” displays on the Coag Dx Analyzer. Open and insert a room temperature IDEXX Coag Dx PT or aPTT cartridge into the analyzer to warm (Figure 1).
4. Press the ID key and enter the client ID, patient ID and species.
Testing Citrated Whole Blood Samples

Collect blood samples at least 5 minutes prior to testing to allow for adequate equilibration of the sodium citrate with the sample.

Test all citrated samples within 2 hours of collection. Keep the sample at room temperature.

1. Remove IDEXX Coag Dx* Citrate PT and/or Citrate aPTT cartridges from refrigerated storage and allow them to come to room temperature (15°–30°C/59°–86°F). This takes 30–60 minutes. (Do not open the pouch prior to use.)

2. Prepare the venipuncture site by shaving fur (if necessary) and cleansing with alcohol. Allow the site to air-dry completely, as alcohol interferes with the coagulation assay.

3. Use one of the following methods to collect the blood sample:
   • Collect the sample directly into a 3.2% sodium citrate evacuated tube.
   • Collect the sample in a plastic (not glass) syringe and transfer it to a 3.2% sodium citrate evacuated tube.

   Note: Fill the citrate tube to its stated draw volume.

4. Mix gently by inverting the tube at least 4 times.

5. On the IDEXX VetLab* Station, specify a patient and initiate a Coag Dx Analyzer test run.

6. The message “Insert... Cartridge” displays on the Coag Dx Analyzer. Open and insert a room temperature Citrate PT or Citrate aPTT cartridge into the analyzer to warm (Figure 1).

   Important: Wait until the analyzer displays the message “Add Sample... Press Start,” before continuing with the next step.

7. Gently invert the evacuated tube again, 4 times, and then collect the sample from the tube using the disposable plastic pipette (Figure 2).

8. Dispense one drop of blood into the sample well of the cartridge (Figure 3).

   Note: A sufficient quantity of blood must be added to the center of the sample well to fill it slightly over the top (Figure 4, sufficient vs. Figure 5, insufficient). If a large drop of blood extends above the center sample well (Figure 6), use a pipette to push the extra blood into the outer sample well (Figure 7).

9. Press the Start key. When a clot is detected, the analyzer beeps once. Final results of the test are displayed on the screen.

10. Remove the cartridge. Discard used needles, syringes, pipettes, and cartridges in the appropriate waste containers.

* For a stand-alone Coag Dx Analyzer, replace steps 5 and 6 with these steps:

5. The message “Insert... Cartridge” displays on the Coag Dx Analyzer. Open and insert a room temperature IDEXX Coag Dx* Citrate PT or Citrate aPTT cartridge into the analyzer to warm (Figure 1).

6. Press the ID key and enter the client ID, patient ID and species.

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Europe 00800 1234 3399 • Australia 1300 44 33 99
New Zealand 0800 10 20 84 • Asia 886-800-291-018
Taiwan 0800 291 018 • China 400 678 6682

One IDEXX Drive
Westbrook, Maine 04092 USA
idexx.com

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