

# Analyzing and preparing samples for the IDEXX inVue Dx Cellular Analyzer

## 1 Initiate the sample run.

- Initiate the sample run on the IDEXX VetLab\* Station (for more information, see the *IDEXX VetLab Station Operator's Guide*.)
- When prompted, confirm the patient details are correct, select a reason for testing, tap **inVue Dx**, and then:
  - + **If you're analyzing an ear swab sample**, select **Ear Swab**. Then, select the checkbox if the patient shows signs of otitis.
  - + **If you're analyzing a blood sample**, select **Blood**. If prompted, tap **Add Hematology**. To enhance a CBC with your IDEXX inVue Dx\* Cellular Analyzer results, select the applicable option (for enhanced results, including additional parameters and reference ranges, IDEXX recommends using the **Run ProCyte with IDEXX inVue Dx** option).**Note:** To add IDEXX inVue Dx results to existing hematology results, tap **Records Search**, search for and select the desired patient record, tap **Add Test**, and then tap **Append**.
- Tap **Run**. The analyzer begins its preparation procedure and the status light on the front of the analyzer blinks yellow.

## 2 Prepare the sample.

### Ear swab samples



- a. Pull to remove the foil seal from the sample tube.



- b. Insert the left ear swab into the sample tube and swirl the swab while pushing it against the ribs inside. Squeeze the tube while swirling. Withdraw the swab, squeezing to extract the most liquid.



- c. Pull to remove the foil seal from the reagent cap and push the cap onto the sample tube until the cap is flush with the tube top.



- d. Invert the tube 5 times to mix.



- e. Twist off the cap tab and dispense the entire tube of solution into the applicable cartridge port (left or right). **Then, repeat ear swab steps 2a–2e for the right ear swab, using the other sample tube, reagent cap, and cartridge port.**

### Blood samples



- a. Pull to remove the foil seal from the sample tube.



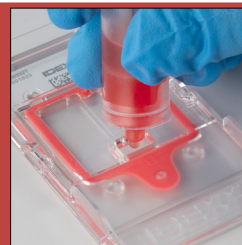
- b. Invert your EDTA collection tube 10 times. Then immediately use the first stop on the IDEXX inVue Dx\* Pipettor to draw 20 µL of the mixed EDTA sample and use the second stop to dispense it into the sample tube, touching the tip on the inside of the sample tube to ensure all sample is dispensed.



- c. Pull to remove the foil seal from the reagent cap and push the cap onto the sample tube until the cap is flush with the tube top.



- d. Invert the tube 5 times to mix.



- e. Twist off the cap tab and dispense 6 drops of the solution into the cartridge port.

## 3 Complete the sample run.

- Insert the cartridge into the slot on the front of the analyzer until you feel it click into place.
- Press the **Start** button on the front of the analyzer. The cartridge is then pulled into the analyzer. Analysis takes approximately 10 minutes.