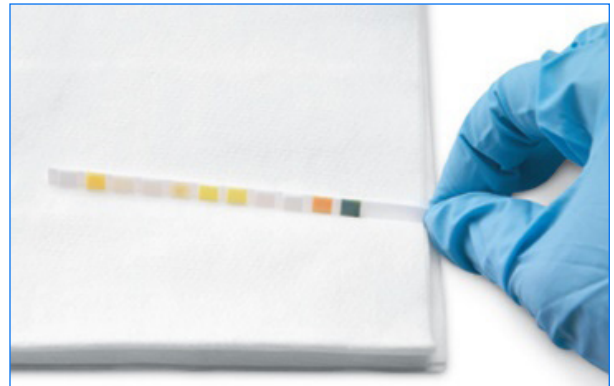# IDEXX VetLab UA Analyzer Quick Reference Guide

Analyzing a sample

1. Initiate the sample run on the IDEXX VetLab* Station (for more information, see the *IDEXX VetLab Station Operator's Guide*).

2. After you've confirmed the patient information on the Select Instruments screen, select the **UA Analyzer** icon, and the manual UA icon if desired, and then tap **Run**.

3. Confirm that the UA analyzer status LED light is flashing green, indicating the patient information has been received.

4. Apply the sample to the IDEXX UA Strip (do not use any other brand of strips) using these steps:

   a. Use fresh urine that has not been centrifuged. Thoroughly mix the urine sample. The sample should be at room temperature when the test is performed and should be analyzed within 1 hour of room temperature storage.

   b. Use a pipette to flood the strip with the urine sample, making sure that all the test pads are moistened. Do not bend the strip.
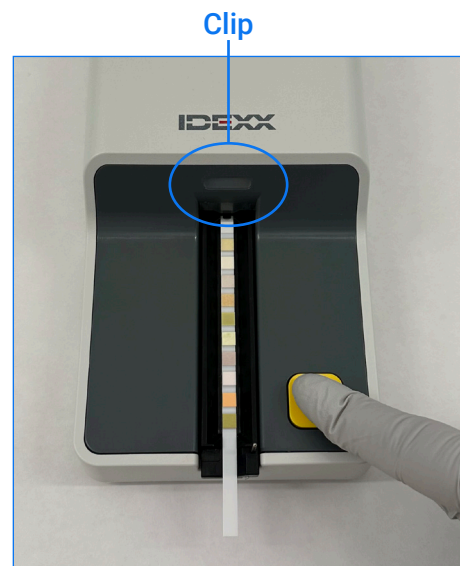

   Note: Dipping the strip into a urine container is not recommended as the strip may become bent, causing an error during the sample run.

   c. Briefly (1–2 seconds) dab the long edge and then the back of the test strip on an absorbent surface (e.g., a paper towel).

5. Immediately place the test strip, with the test pads facing up, on the test strip tray so that its leading edge is held firmly by the clip at the insertion slot. The retaining bar must be open.

Clip

6. Press the **Start** button. The tray will advance slightly, and the retaining bar will close.

7. Upon completion of the run, remove and dispose of the test strip. Wipe any urine residue from the tray with a lint-free wipe.

Cleaning the test strip tray

Clean the test strip tray daily to prevent urine buildup, which may cause errors.

1. Select **Turn off UA Analyzer** from the Instruments screen on the IDEXX VetLab Station.
2. Pull the test strip tray out of the analyzer.
3. Rinse the contaminated parts of the test strip tray under running water, and then clean it (if necessary) with 70% isopropyl alcohol.
   Slight crystalline deposits, especially those contaminating the retaining bar mechanism or the cogs on the underside of the test strip tray, can be removed with a soft brush. Dry the tray with a lint-free wipe.

   Important: Be careful not to damage the gray reference pad during cleaning, and ensure that it is completely clean, seated properly, and dry before reading a test strip.

4. With the retaining bar nearest to you, slide the tray into the slot below the status LED so that the edge of the tray is flush with the edge of the analyzer.
5. Turn on the UA analyzer by pushing the power button on the right side. The self-check begins automatically and verifies that the reference pad is in good condition. If not, a notification will appear on the IDEXX VetLab* Station.

Calibrating the analyzer

The IDEXX VetLab* UA* Analyzer should be recalibrated every 7 days.

1. Ensure that the test strip tray is clean and dry.
2. On the IDEXX VetLab Station Home screen, tap the **UA analyzer** icon (or tap **Instruments**, and then tap **UA Analyzer**).
3. Tap **Calibration**, and then tap **Run Calibration**.
4. When the analyzer status LED is flashing green, place a new IDEXX VetLab* UA* Calibration Strip on the tray with the test pads facing upward, so that its leading edge is held by the clip at the front end of the insertion slot. The retaining bar must be open.
5. Press the **Start** button.

   Important:

   + Be careful not to touch the test pads on the calibration strip, and do not allow them to come into contact with urine or other liquids.
   + Only IDEXX VetLab UA Calibration Strips can be used with the IDEXX VetLab UA Analyzer.

   The tray advances slightly, the retaining bar closes, and the analyzer reads the gray reference pad and the calibration pads. Then the tray returns to its start position, and the strip lever opens.

   The calibration result will be displayed on the IDEXX VetLab Station, indicating Pass or Fail. If the calibration process fails, see the *IDEXX VetLab UA Analyzer Operator's Guide* for troubleshooting information or call IDEXX Customer and Technical Support.

6. Remove and dispose of the calibration strip. Each calibration strip should be used only once.

IDEXX Customer and Technical Support

U.S./Canada 1-800-248-2483 • Europe idexx.eu • Australia 1300 44 33 99 • New Zealand 0800 83 85 22
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South Korea 080 7979 133 • Taiwan 0800 291 018 • Japan 0120-71-4921