Step 1. Prepare the sample and start the run on the SediVue Dx* Analyzer

1. Fill with at least 1 mL of sample. Replace the needle with a SediVue* syringe tip, and then draw 0.5 mL of air into syringe.
2. Gently invert the syringe 10 times to mix the sample and then purge all of the air from the syringe.
3. Immediately after inversion, aspirate 185 µL of sample from the bottom third of the sample, ensuring there are no bubbles in the sample.

Step 2. Prepare the sample and start the run on the IDEXX VetLab* UA* Analyzer

1. Cap the container and gently invert it 10 times to mix.
2. Tap the long edge and back of the strip on a paper napkin to remove excess urine.
3. Immediately place the strip into the analyzer and press the Start button on the analyzer.

Step 3. Complete the physical evaluation

1. Visually inspect the color and clarity of the sample (e.g., pink, cloudy).
2. Place a drop of sample on a refractometer to obtain urine specific gravity (USG).
3. Note the physical information in the patient’s record using the IDEXX VetLab* Station.

Step 4. Evaluate your results and images

Sample images are an important part of the results and should be reviewed with every sample run in order to validate the numerical data.

Guidelines for success

- Fresh is best—analyze urine samples within 30 minutes of collection.
- Storing urine samples in the refrigerator longer than 2 hours may introduce the in vitro formation of crystals and crystalline debris.
- Transfer voided samples to a urine sample container with a lid.
- Mix the sample immediately before filling the cartridge.

Performing a line smear (dry slide preparation)

1. Centrifuge the sample. Then aspirate it down to the pellet, and then flick the bottom of the tube to resuspend the formed elements.
2. Dispense a drop of sample at the base of a labeled glass slide.
3. Hold a clean glass spreader slide at approximately 30°–40° in front of the drop of urine. Then back it into the drop allowing the material to spread along edge of the spreader slide.
4. Move the spreader slide toward the end of the specimen slide, keeping the two in contact with each other.
5. In the middle of the slide, abruptly stop spreading the urine sample and lift the spreader slide straight up to form a line of material.
6. Air dry thoroughly and then stain the slide using your routine hematology/cytology stain (e.g., Diff-Quik*) and then review microscopically.

Guidelines for use of the SediVue* Bacteria Confirmation Kit

1. On the IDEXX VetLab* Station, select the patient from the In-House Results list, tap Add Test, tap the SediVue Dx icon, tap Confirm Bacteria, and then tap Append Results.
2. Dispense 165 µL of well-mixed urine and dispense it into a new sample tube.
3. Add 1 drop of Reagent 1 (red) to the same tube and invert the tube 5 times to mix.
4. Add 1 drop of Reagent 2 (blue) to the same tube and invert the tube 5 times to mix.
5. Inject 165 µL of the prepared sample into a cartridge on the analyzer and press Start.