



Urinary Tract Pathogens Specimen Collection Instructions

Materials Provided

- 2 sterile swabs
- 1 sterile urine collection cup
- 1 molecular transport tube
- 1 specimen bag
- 1 UPS/FedEx Lab Pak mailer

Specimen Collection

To ensure safety and validity of the sample it is important to follow the instructions provided below.

Non-Clean-Catch Procedure

A first morning sample or sample collected longer than 1-2 hours since prior urination maximizes sensitivity of detecting urinary system pathogens.

Patient Instructions

1. Wash hands thoroughly with warm water and soap.
Females:
Holding labia apart, collect first ~10-25 mL urine into provided sterile urine cup.
Males:
Retract foreskin (as applicable), collect first ~10-25 mL urine into provided sterile urine cup.
2. Securely place cap on urine cup, and give to the clinical technician.

Clinical Technician Instructions

1. Put on sterile gloves.
2. Choose one of the following options:
Option 1: Using two sterile swabs
 - a. Open the urine collection cup.
 - b. Open the molecular transport tube.
 - c. Tear open the two (2) sterile swabs.
 - d. Using a circular motion, completely saturate both swabs with 10-15 circular sweeps of the urine collection cup.
 - e. Place the swabs in the transport tube. Snap off excess handles and securely tighten top of the transport tube.
Option 2: Using a sterile plastic transfer pipette (not provided)
 - a. Swirl the pipette 10-15 times to mix the sample.
 - b. Transfer at least 1/2 mL of urine from the collection cup to the molecular transport tube.
 - c. Securely tighten the cap of the transport tube.

3. Place a label with two patient identifiers on the tube.
4. Keep the tube in the upright position for 10 – 15 minutes before placing it in the provided specimen bag.
5. Place all samples collected for the day into a provided UPS/FedEx Lab Pak mailer. Seal the mailer and place a shipping label on the outside.

Catheterized Patient Procedure

Specimen collection from patients with indwelling catheters requires aseptic technique.

1. Put on sterile gloves.
2. Clamp catheter tubing above the port to allow collection of freshly voided urine (minimum 2 mL urine required).
3. Vigorously clean the catheter port or wall of the tubing with 70% ethanol.
4. Aspirate urine via sterile needle (direct tubing puncture and aspiration), or syringe (if port has a Luer lock type fitting).
5. Eject the aspirated urine into the provided sterile urine collection cup.
6. Remove the two sterile swabs from the packaging.
7. Place the swabs at the bottom of the urine specimen cup and rub one complete circle to fully saturate the swabs.
8. Immediately place the swabs in the molecular transport tube, taking care not to spill the transport media.
9. Break the swabs at the indentation mark and securely tighten the cap on the tube.
10. Place the transport tube into the provided specimen bag.
11. Keep the tube in an upright position for 10 – 15 minutes before placing it in the mailing envelope.
12. Place all samples collected for the day into a provided UPS/FedEx Lab Pak mailer. Seal the mailer and place a shipping label on the outside.