

# Urinary Tract Infection

## COLLECTION INSTRUCTIONS

(MP-FR-0004) VERSION 1.1



### MATERIALS PROVIDED

2 Cleansing Wipes | 1 Sterile Urine Cup | 1 Urine Preservative Tube | 1 Specimen Bag | Lab Pak Mailer

### CLEAN-CATCH PROCEDURE

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

#### Girls and Women

1. Wash hands thoroughly with warm water and soap.
2. Wash the area between the vagina "lips" (labia). You may be given a special clean-catch kit that contains cleansing wipes.
3. Sit on the toilet with your legs spread apart. Use two fingers to spread open your labia.
4. Use the first wipe to clean the inner folds of the labia. Wipe from the front to the back.
5. Use a second wipe to clean over the opening where urine comes out (urethra), just above the opening of the vagina.

#### To Collect the Urine Sample

1. Open the lid of the sterile urine cup, inverting the lid on the counter to maintaining sterility.
2. Keeping your labia spread open, urinate a small amount into the toilet bowl, then stop the flow of urine.
3. Hold the urine cup a few inches (or a few centimeters) from the urethra and urinate until the cup is about half full.
4. You may finish urinating into the toilet bowl.
5. Replace cap on sterile urine cup, ensuring not to touch inside of cup or lid.

#### Boys and Men

1. Wash hands thoroughly with warm water and soap.
2. Clean the head of the penis with a wipe. If you are not circumcised, you will need to pull back (retract) the foreskin first.
3. Urinate a small amount into the toilet bowl, and then stop the flow of urine.
4. Then collect a sample of urine into the clean or sterile cup, until it is half full.
5. You may finish urinating into the toilet bowl.
6. Replace cap on sterile urine cup, ensuring not to touch inside of cup or lid.

#### Clinical Technician Instructions

1. Label the transport tube with two unique patient identifiers. Confirm identity with the patient.
2. Put on gloves.
3. Do not open urine cup.
4. Expose port access on urine cup and aspirate liquid into urine preservative tube.
5. Place the urine preservative tube into the provided specimen bag.
6. Remove gloves and perform hand hygiene.
7. Place all samples collected for the day into a provided 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. Gather supplies: nonsterile gloves, Luer-lock syringe (or other syringe specified within collection kit) for specimen, alcohol swabs, (2) preprinted patient labels, clear biohazard bag for lab sample, and sterile urine cup.
2. Verify the order and assemble the supplies on a protective drape on the table: gloves, Luer-lock syringe, alcohol swabs, sterile container, two preprinted patient labels, and clear lab specimen biohazard bag for transport to lab.
3. Perform hand hygiene and put on nonsterile gloves.
4. Check for urine in the tubing, close to the aspiration port, and position the tubing on the bed.
5. If additional urine is needed, clamp the tubing below the port for 10-15 minutes or until urine appears. Monitor patient.
6. Clean the sample port of the catheter with an alcohol swab for 30 seconds.
7. Attach the Luer-lock syringe to the sample port of the catheter and withdraw 10-30 mL of urine; remove the syringe and unclamp the tubing.
8. Open the lid of the sterile container, inverting the lid on the drape and maintaining sterility. Transfer the urine to the sterile container, preventing touching the syringe to the container. Place the syringe on the drape, close the lid tightly, and clean the outside of the container with germicidal wipes.
9. Remove gloves and perform hand hygiene.
10. Ensure the following information is on the preprinted label: patient name and date of birth, date and time collected, and your initials. Place the label on the specimen container and put the container inside the biohazard bag.