

UTI PROx PANEL

Collection Instructions

Materials Required

- 1 Towelette wipe
- 1 Specimen collection cup
- 2 4.mL Preservative tube
- 1 Biohazard bag
- 2 Barcode labels

- 1 Absorbent sheet
- 2 Parafilm sealing sheets (one for each collection tube)

Return supplies:

- UN3373 Biological substance, Category "B" stamped FedEx Clinical pak
- Corrugated return box
- FedEx Return label

Collection Procedures

Urine specimens should be aseptically collected into a sterile collection cup by the patient or their caregiver. Follow the sex-specific instructions:

- Females:** Spread the labia (folds of skin) apart with one hand and wipe with a towelette. Wipe from front to back. Continue holding the labia apart. As you start to urinate, allow a small amount of urine to fall into the toilet bowl. Do not touch inside of the collection cup.
Males: If uncircumcised, retract the foreskin. Wipe the end of the penis with a towelette. As you start to urinate, allow a small amount of urine to fall into the toilet bowl. Do not touch the inside of the collection cup.
- After the urine stream is well established, pass the collection cup into the urine stream and, after the cup is ½ full, remove the cup from the urine stream and finish urinating into the toilet bowl.
- Screw the lid on the cup tightly. Do not touch inside of cup or lid. Give the sealed cup to the nurse or attendant.

Catheter urine:

- Using a needle and syringe, collect urine through the catheter port, after cleaning with alcohol. Alternatively, collect the sample directly into a Vacutainer tube without anticoagulant, using a Vacutainer holder and needle. Do not send urine obtained from a catheter bag.
- A straight catheter (in and out) is used by a physician or trained health care worker (HCW) to obtain urine directly from the bladder.
 - This procedure must be carried out with aseptic technique to avoid the risk of introducing microorganisms into the bladder.
 - Discard the initial 15 to 30 ml of urine and submit the next flow of urine.

Ileal conduit:

- Remove the external device.
- Cleanse the stoma with 70% alcohol followed by iodine.
- Remove the iodine with alcohol.
- Insert a double catheter into the cleansed stoma, to a depth beyond the fascial level, and collect the urine.

Suprapubic aspirate:

- Bladder tap sample collected by insertion of a sterile needle directly into the bladder and aspirating the urine.

Performed by physician only. This is the only type of sample acceptable for anaerobic culture. Anaerobic cultures of the urine should be done on request, when a vesiculointerstitial fistula is suspected, and when bacterial morphotypes are seen in the direct smear but fail to grow on aerobic culture.

PRESERVATIVE TUBE PREPARATION

- Peel off the seal on top of the urine collection cup.
- Invert a preservative collection tube cap down and place in the hole that was previously sealed.
- Press the preservative collection tube down and hold it until urine fills the preservative tube to the 3 mL indicator line. Urine should fill the preservative tube within 3 seconds.
- Invert the tube 3-5 times to make sure the preservative powder is dissolved properly.
- Two preservative tubes need to be collected per patient.

LABELING INSTRUCTIONS

- Visually inspect the primary collection container to make sure it is properly sealed.
- There are two barcode labels included in each kit. Ensure that both labels have the following information written on them:
 - Patient's First and Last Name
 - Patient's Date of Birth
 - Specimen Collection Time and Date
- IMPORTANT:** Place one barcode label with patient information on each preservative collection tube. Keep the preservative collection tubes in the upright position for 10-15 minutes before preparing for shipment, and place inside of a refrigerator if possible.
- PLEASE NOTE:** Do not share the same barcode with another patient. This is the unique identifier that will be assigned to the patient through the testing process, and this identifier cannot be used again.

SPECIMEN STORAGE

- BD Vacutainer® Plus C&S Preservative Tubes
- Pre-Collection: Store sterile preservative tubes at room temperature.
 - Post-Collection: Store collected preservative tubes at room temperature or in a refrigerator.
 - Collected specimens may be stored for up to 48 hours, including transportation.

Safety Information:

- Always wear appropriate protective equipment when handling any clinical specimen. These include lab coats, disposable gloves, and a face mask.
- Do not touch your face when handling specimens. Periodically change gloves and disinfect surfaces with 10% bleach and 70% ethanol.
- Always wash hands thoroughly with soap after handling specimens.