



UROLOGY

SPECIMEN COLLECTION GUIDE

URINARY SPECIMENS

INCLUDES: URINE, BLADDER WASHINGS/LAVAGE, URETHRAL WASHINGS, URETER WASHINGS, RENAL WASHINGS

TEST INFORMATION

Microscopic examination for cytologic abnormalities, and aid in diagnosis of certain conditions, infections.

PREPARATION OF THE PATIENT

Second urination of the day is preferred for urine specimens. Cells held overnight in the bladder and expelled during first morning urination are often degraded, making them difficult to analyze microscopically.

MATERIALS NEEDED

Cytology fixative container, minimum specimen volume 33–60 mL (if requesting Bladder FISH/UroVysion, the volume should be at least 50–60mL)

Cytology requisition

Biohazard bag

Chemical resistant marker

LABELING AND PAPERWORK

1. Fill out Urologic Pathology requisition.
2. Attach or fill out patient billing/insurance information.
3. Label container(s) with at least 2 patient identifiers (full name and date of birth) and the specimen source with a chemical resistant marker.

COLLECTION INSTRUCTIONS

1. Collect the urine or washing per the facilities procedure.
2. For urine specimens, indicate on the requisition whether the urine is voided or collected via catheter. This is important information for the pathologist when diagnosing a case.
3. Place the urine or wash specimen into the labeled fluid container with a maximum of a 2:1 ratio of specimen to fixative. If requesting Bladder FISH/UroVysion the fixative must be added within 30 minutes of specimen collection.
4. Tighten container lid.

5. If Bladder FISH/UroVysion is requested, please place specimen in kit provided and place ice pack in kit.
 - a. Request same day courier pickup as this is a STAT specimen. The Bladder FISH/UroVysion needs to be ran within 72 hours of specimen collection.
 - b. Bladder FISH/UroVysion can only be ran on urine specimens.
6. If cultures or other clinical tests are needed, please perform under sterile conditions at time of collection and send to your preferred clinical laboratory.
7. Put specimen container(s) into the biohazard bag and close the bag. Place paperwork in the outer pocket of the biohazard bag.
8. Store in cool area with frozen ice pack.
9. Transport to lab via courier or shipping service the same day as collection.

LIMITATIONS

Incorrect or insufficient fixative can limit interpretation. Inadequate specimen can limit interpretation.

Avoid excessive use of lubricants for catheter collected specimens, it will obscure the sample limiting the diagnosis.

REJECTION CRITERIA

1. Category A infected specimen (CJD).
2. The specimen is not received from a licensed authorized source.
3. The specimen was intended for another laboratory.
4. Unlabeled specimen container(s).