

The method of collection and preservation are critical for accurate cytologic interpretation. The best samples are those which are collected during periods of high flow through the urinary tract. Urine which has been retained in the bladder for long periods of time such as the first specimen voided in the morning, is of little value, since degenerative cellular changes occur rapidly in urine.

Materials Needed:

- › Non-sterile specimen collection container.
- › Inpatient - Use EPIC to enter "Non-Gyn Cytology Urine" order (Test #4668)
- › Outpatient - Complete and submit a "Pathology/Cytology" order either through EPIC or completed requisition form. Include customer billing information.

Specimen Requirements:

- › Catheterized specimens preferred for women (to avoid contamination from female genital tract).
- › First voided urine of the day is not acceptable due to cellular degeneration.
- › Preferred amount of fluid is 30 mL, however the laboratory will not reject if less than 30 mL.
- › Specimen must be refrigerated until it is received in laboratory.
- › Specimen should be collected before instrumentation procedure unless collected during endoscopic procedure.

Technique:

1. Patient should be well hydrated before collection.
2. Label non-sterile specimen container with customer name, date of birth, along with date and time collected.
3. Collect urine in a labeled non-sterile specimen container.
4. Deliver specimen directly to the Pathology Laboratory or through courier service.

Reference: If ordering a "**FISH, Urothelial Cancer**" order **Test # 4030** (CPT 88368 x4) rather than Non-Gyn cytology order, **see** UroVysion for Detection of Bladder Cancer, Urine in User's Guide.

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