

Gen-Probe APTIMA method for detection of *Chlamydia trachomatis* and *Neisseria gonorrhoeae*

COLLECTOR'S REFERENCE GUIDE

APTIMA Urine Specimen Collection Guide

Collection for Male and Female Urine Specimens
Patients should not have urinated for at least 1 hour prior to specimen collection.

- Direct patient to provide first-catch urine (approximately 20 to 30 mL of initial urine stream) into urine collection cup free of any preservatives. Collection of larger volumes of urine may result in specimen dilution that may reduce test sensitivity. Female patients should not cleanse labia area prior to providing specimen.
- Remove cap from urine specimen transport tube and transfer 2 mL of urine into urine specimen transport tube using disposable pipette provided. The correct volume of urine has been added when fluid level is between black fill line on urine specimen transport tube label.
- Re-cap urine specimen transport tube tightly. This is now known as the "processed urine specimen."

Specimen Transport and Storage

- After collection, transport and store the processed urine specimen in the APTIMA urine specimen transport tube at 2°C to 30°C until tested. Processed urine specimens should be assayed with the APTIMA Assay for CT and/or GC within 90 days of collection. If longer storage is needed, freeze at -20°C to -70°C for up to 90 days after collection.
- Urine samples that are still in the primary collection container must be transported to the lab at 2°C to 30°C. Transfer urine sample into APTIMA urine specimen transport tube within 24 hours of collection. Store at 2°C to 30°C and test within 90 days of collection.

URINE

- SELF COLLECTION

COLLECTOR'S REFERENCE GUIDE

APTIMA Vaginal Swab Specimen Collection Guide

Patient Collection of APTIMA Vaginal Swab Specimens*
Wash hands before starting. If you have any questions about the procedure, please ask your doctor, nurse, or care provider.

- Partially peel open swab package. Do not touch soft tip or lay swab down. If soft tip is touched, swab is laid down, or swab is dropped, request new APTIMA Vaginal Swab Specimen Collection Kit.
- Remove swab.
- Hold swab as shown in Diagram 1, placing thumb and forefinger in the middle of the swab shaft.
- Carefully insert swab into the inside opening of the vagina, about two inches (as shown in Diagram 2), and gently rotate swab for 10 to 30 seconds. Make sure swab touches the walls of the vagina so that moisture is absorbed by swab.
- Withdraw swab without touching skin.
- While holding swab in same hand, unscrew the tube cap. Do not spill tube contents. If tube contents are spilled, request new APTIMA Vaginal Swab Specimen Collection Kit.
- Immediately place swab into transport tube so that the tip of the swab is visible below tube label.
- Carefully break swab shaft at the score line against the side of the tube as shown in Diagram 3.
- Tightly screw cap onto tube as shown in Diagram 4. Return tube as instructed by care provider.

* Clinicians should refer to instructions for use provided on the APTIMA Vaginal Swab Specimen Collection Kit (linking PDF).

VAGINAL

- SELF COLLECTION
- PROVIDER COLLECTION

COLLECTOR'S REFERENCE GUIDE

APTIMA Swab Specimen Collection Guide

Collection for Endocervical Swab Specimens

- Remove excess mucus from cervical os and surrounding mucosa using cleaning swab (white shaft swab in package with red printing). Discard this swab. A large-tipped cleaning swab (not provided) may be used to remove excess mucus.
- Insert specimen collection swab (blue shaft; swab in package with green printing) into endocervical canal.
- Gently rotate swab clockwise for 10 to 30 seconds in endocervical canal to ensure adequate sampling.
- Withdraw swab carefully; avoid any contact with vaginal mucosa.
- Remove cap from swab specimen transport tube and immediately place specimen collection swab into specimen transport tube.
- Carefully break swab shaft at scoreline; use care to avoid separating contents.
- Re-cap swab specimen transport tube tightly.

Collection for Male Urethral Swab Specimens
Patients should not have urinated for at least 1 hour prior to specimen collection.

- Insert specimen collection swab (blue shaft; swab in package with green printing) 2 to 4 cm into urethra.
- Gently rotate swab clockwise for 2 to 3 seconds in urethra to ensure adequate sampling.
- Withdraw swab carefully.
- Remove cap from swab specimen transport tube and immediately place specimen collection swab into specimen transport tube.
- Carefully break swab shaft at scoreline; use care to avoid separating contents.
- Re-cap swab specimen transport tube tightly.

Specimen Transport and Storage
After collection, transport and store swab in swab specimen transport tube at 2°C to 30°C until tested. Specimens must be assayed with the APTIMA Assay for CT and/or GC within 90 days of collection. If longer storage is needed, freeze at -20°C to -70°C for up to 90 days after collection.

- URETHRA
- CERVIX
- THROAT
- RECTUM

The APTIMA assay is a qualitative amplified nucleic acid probe test that utilizes target capture of ribosomal RNA (rRNA) from *CT* and/or *GC*.

Gen-Probe APTIMA offers increased performance of sensitivity and specificity.

Source	<i>C. trachomatis</i>		<i>N. gonorrhoeae</i>	
	Sensitivity(%)	Specificity(%)	Sensitivity (%)	Specificity (%)
Male Urethral Swab	95.9	97.5	99.1	97.8
Male Urine	97.9	98.5	98.5	99.6
Endocervical Swab	94.2	97.6	99.2	98.7
Vaginal Swab	96.6	96.8	96.0	99.2
Female Urine	94.7	98.9	91.3	99.3

Testing performed by The Nebraska Medical Center Clinical Laboratories