



CONWAY MEDICAL CENTER

PROCEDURE

When in hard copy form, refer to Policy Manager to validate this as the most current revision.

TITLE:	LAB-SPC-05.06.01 Collection of Chlamydia and GC by Gen-Probe-PRO		
ISSUED BY:	Sr Tech, Microbiology	REFERENCE #:	LAB-SPC-05.06.01PRO
APPROVED BY:	Lab Director	EFFECTIVE DATE:	2002-02-21

SCOPE: Laboratory staff and potential collectors of Chlamydia and GC testing.

Principle of the Procedure:

To properly collect a specimen for the detection of *Chlamydia trachomatis* and *Neisseria gonorrhoeae*, to be tested by the amplified nucleic acid probe method at Quest Diagnostic Laboratories using a special transport device.

The transport device contains a small amount of fluid. Care should be taken that this is not spilled. It is used to decontaminate the specimen when collected and to preserve the nucleic acid, which is measured in this test.

NOTE: This specimen collection and testing system is not appropriate for any specimen other than cervical, urethral and urine specimens.

I. Supplies:

- A. APTIMA Endocervical and Male Urethral Collection Kits –Unisex swabs
 - 1. Two swabs- White swab for cleaning
Blue swab for specimen collection
 - 2. One tube containing Gen-Probe transport medium
- B. APTIMA Urine Specimen Collection Kit

II. **Storage:** Store at room temperature.

III. **Expiration:** Expiration date on each kit. Do not use after expiration date.

IV. **Procedure:** See Illustration for the collection of endocervical and urethral specimens.

A. Preparation For Transport:

- 1. Insert blue swab (collection swab only) into the Gen-probe transport tube.
- 2. Snap off shaft at score line or cut shaft to fit tube.
- 3. Cap tube
For best results, transport to the laboratory at 2°C - 30°C until tested. Specimens must be assayed within 60 days of collection.
- 4. For urine samples, transfer 2 ml of unpreserved urine into the APTIMA Urine Transport Tube within 24 hours of collection. This is performed in the laboratory. No transport tubes are provided to the floor or to the ED department.



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V. Important Special Notes:

- A. Specimens collected with this system cannot be used for culture.
- B. Only the blue swab supplied with the Gen-Probe specimen collection system should be used for specimen collection. Cap tightly. Do not discard liquid.
- C. Do not accept the white swab. Quest will reject.
- D. Do not accept vials without swabs. Quest will reject.
- E. Brown stick swabs cannot be used to collect sample. Quest will reject.
- F. The performance of vaginal swab specimen has not been evaluated in women less than 16 years of age.
- G. Patient should not have urinated for at least one hour prior to specimen collection. Female patients should not cleanse the labial area prior to providing the specimen.

VI. Reporting of Results: Quest Diagnostics

- A. Specimens received in the laboratory before 16:00pm Monday thru Friday will be sent to Quest that day. Specimens received before 11:00am on weekends will be sent to Quest same day. (Exceptions will occur on holidays)
- B. Reports are retrieved from Quest Diagnostics interface.
- C. Results are then checked and verified per protocols and entered into the computer.

RECORDS: NA

REFERENCES:

1. Quest Diagnostics Directory of Services 2016-2017
2. Gen-Probe APTIMA Urine Specimen Collection Kits 502260 Rev 002
3. Gen-Probe APTIMA Unisex Swab Collection Kit for Endocervical and Male Urethral Swab Specimen 502258 Rev. 002

REFERENCE STANDARDS: CAP GEN.40000; GEN40016; GEN.40032; GEN.40050; GEN.40100

REVISION/REVIEW HISTORY:

Date	Affected Section(s)	Summary of Changes ('Reviewed' or details of change)
05/17/2011 mp	Revised	Review/Revisions electronically changed in lab G drive
11/03/2011 lds	Format	Changed to MCN policy manager format .
04/04/13mp	All	Revised to change reference lab to Quest Diagnostics. Changed format Revised name to exclude DHEC.
03/12/15mp	All	Reviewed.Added urine samples to the procedure.Updated Reference
03/17/17mp/lds	All	Reviewed. Section VI Reporting of Results: C. Changed "entered into MediTech" to "entered into the computer.". Updated References. No procedural changes.

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SPECIMEN COLLECTION FOR DETECTION OF CHLAMYDIA/GC GEN-PROBE APTIMA COMBO 2 PROCEDURE

Principle:

To properly collect a specimen for the detection of *Chlamydia trachomatis* and/or *Neisseria gonorrhoeae*.

Patient Preparation:

See collection procedures below

Supplies:

1. GC/ Chlamydia Gen-Probe supplies See page III-1 to order.
2. Unisex Collection Kit. Use blue swab only for collecting both male and female specimens.
3. DHEC form 1332

Collection Procedure for Endocervical Swab Specimens:

1. Remove excess mucus from cervical os and surrounding mucosa using cleaning swab (white shaft swab in package with red printing). **Discard this swab.**
2. Insert specimen collection swab (blue shaft swab in package with green printing) into endocervical canal.
3. Gently rotate swab clockwise for 10 to 30 seconds in endocervical canal to ensure adequate sampling.
4. Withdraw swab carefully; avoid any contact with vaginal mucosa.
5. Remove cap from swab specimen transport tube and immediately place specimen collection swab into specimen transport tube.
6. Carefully **break swab shaft at scoreline**. Use care to avoid splashing contents.
7. Re-cap swab specimen transport tube tightly.
8. See Specimen Transport and Storage below.



White swab = cleaning then discard

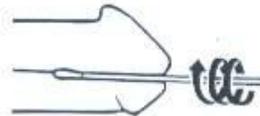


Blue swab = specimen collection

Collection for Male Urethral Swab Specimens:

Patient should not have urinated for at least 1 hour prior to collection.

1. Insert specimen collection swab (blue shaft swab in package with green printing) 2-4 cm into urethra.
2. Gently rotate swab clockwise for 2 to 3 seconds in urethra to ensure adequate sampling.
3. Withdraw swab carefully
4. Remove cap from swab specimen transport tube and immediately place specimen collection swab into specimen collection tube.
5. Carefully **break swab shaft at scoreline**. Use care to avoid splashing contents.
6. Re-cap swab specimen transport tube tightly.
7. See Specimen Transport and Storage below.



Specimen Preservation and Transport

A. Swab

1. After Collection, transport and store swab in swab specimen transport tube at 2°C to 30°C until tested.
2. Specimens must be assayed with the GEN-PROBE APTIMA Combo 2 Assay within 60 days of collection. If longer storage is needed, freeze at -20°C to -70°C for up to 90 days after collection.



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