



ASSOCIATES IN PATHOLOGY, S.C.

November, 2014

# Women's Health *path*

Associates in Pathology; Guiding the Journey in Women's Health

## Announcing *Chlamydia Trachomatis* & *Neisseria Gonorrhoeae* Testing at Associates in Pathology

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### Why We Made a Change...

*In the course of conducting an assessment of our Women's Health test menu, Associates in Pathology has determined that expanding the Women's Health tests we offer will allow us to play a role in reducing the cost of healthcare, increasing expediency of results and providing support for the way you practice.*

### New CDC Recommendations

In March 2014, the Centers for Disease Control and Prevention (CDC) released new recommendations for *Chlamydia trachomatis* and *Neisseria gonorrhoeae* testing (MMWR / March 14, 2014 / Vol. 63 / No. 2) [1].

The CDC reports *Chlamydia trachomatis* as the most common notifiable infectious disease in the United States; its prevalence is highest in people age 25 and younger. In 2010, over **1.3 million cases** of *C. trachomatis* and **309,341 cases** of *N. gonorrhoeae* were reported.



U.S. Department of Health and Human Services  
Centers for Disease Control and Prevention

The CDC recommends annual *C. trachomatis* and *N. gonorrhoeae* screening for

- All sexually active women up to 25 years of age
- Older women with risk factors (e.g., those who have a new sex partner or multiple sex partners)
- Pregnant women during the first trimester of pregnancy.

## Key Summary points from CDC Report

1. Nucleic acid amplification tests (NAATs) that are cleared by the Food and Drug Administration (FDA) are recommended for detection of genital tract infections caused by *Chlamydia trachomatis* and *Neisseria gonorrhoeae* infections in men and women with and without symptoms.
2. Routine repeat testing of NAAT-positive genital tract specimens is not recommended because the practice does not improve the positive predictive value of the test.
3. Laboratory interpretation of test results should be consistent with product inserts for FDA-cleared tests.
4. Nucleic acid amplification tests (NAATs) are the recommended test method.

CDC recommends *not* to use any of these testing methods:

- Direct fluorescent antibody (DFA) tests
- Nucleic acid hybridization/probe tests
- Nucleic acid genetic transformation tests
- Enzyme immunoassay (EIA) tests
- Serology tests

### More on Sexually Transmitted Diseases

[www.cdc.gov/std](http://www.cdc.gov/std)  
1-800-CDC-INFO (1-800-232-4636)  
Email: [cdcinfo@cdc.gov](mailto:cdcinfo@cdc.gov)

## The *C. trachomatis* / *N. gonorrhoeae* (CT/NG) Test We Perform

Associates in Pathology has selected the cobas® CT/NG Test developed by Roche Diagnostics. It is an FDA approved, polymerase chain reaction (PCR)-based test, used to screen specifically for *Chlamydia trachomatis* and *Neisseria gonorrhoeae*.

### Benefits of the cobas® CT/NG test:

- The test runs on the fully automated cobas® 4800 system, providing superb turnaround time.
- The **Internal Control** minimizes false negative results due to PCR inhibition. It is applied to each individual sample and is used throughout the entire process from sample preparation to amplification and detection.
- **AmpErase enzyme** reduces the risk of false positive results by destroying all previously generated amplicon.

## Why choose Associates in Pathology for CT/NG Testing

We give you an option that fits the way you practice—

Use one ThinPrep vial for

- Pap
- HPV
- CT and/or NG

## ThinPrep Collection Method [2] (for CT/NG, HPV and Pap Testing)

### Option 1: Brush & Spatula Combo

Spatula:

- Sample the **ectocervix**.
- Immediately **rinse** the spatula into the Preservcyt Solution vial.
- **Swirl** the spatula vigorously in the vial 10 times.
- **Discard** the spatula.

Brush:

- Sample the **endocervix** -- Insert the brush into the cervix until only the bottom-most fibers are exposed. Slowly **rotate** ¼ to ½ **turn in one direction**. Do not over-rotate.
- Immediately **rinse** the brush in the Preservcyt Solution by rotating the device in the solution 10 times while pushing against the Preservcyt vial wall. **Swirl** the brush vigorously to further release material.
- **Discard** the brush.
- **Tighten** the cap so that the torque line on the cap passes the torque line on the vial.

### Option 2: Broom/Papette

- Insert the central bristles of the broom into the **endocervical** canal deep enough to allow the shorter bristles to fully contact the **ectocervix**.
- Push gently, and **rotate the broom in a clockwise direction five times**.
- **Rinse** the broom as quickly as possible into the Preservcyt solution vial by pushing the broom into the bottom of the vial 10 times, forcing the bristles apart. As a final step, **swirl** the broom vigorously to further release material.
- **Discard** the collection device.
- **Tighten** the cap so that the torque line on the cap passes the torque line on the vial.

## How to Order CT/NG Testing

To order these tests, select the appropriate option on the AIP - GYN REQUEST FORM letter.

"Gonorrhea/Chlamydia" selections can be found on the request form directly below HPV testing options.

It is not necessary to place an order in EPIC.

GYN CYTOLOGY
{AIP - CERVICALVAGINAL:16620::"Cervical/Vaginal"} {AIP - THIN PREP OR # OF SLIDES:16619::"ThinPrep"} {AIP - ROUTINE PAP\HIGH RISK PAP\DIAGNOSTIC PAP:16621::"Routine Pap"}
LMP: Patient's last menstrual period was 08/23/2014.
HPV Testing Options (select from list to order) {HPV_TEST_OPTIONS:13783::"Other – the clinic may call the cytology department within one week of reviewing pap test results to order HPV testing"}
<b>{GONORRHEA/CHLAMYDIA:25783}</b>
<b>Gonorrhea/Chlamydia</b> Gonorrhea only Chlamydia only No Gonorrhea/Chlamydia

## Contact Us

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### REFERENCES

1. Centers for Disease Control and Prevention: Recommendations for the Laboratory-Based Detection of Chlamydia trachomatis and Neisseria gonorrhoeae — 2014. MMWR 2014;63(No. RR-2):1-19.
2. Hologic, Inc. "Specimen Collection." *The ThinPrep Pap Test*. Hologic, Inc, 2010. Web. 06 Nov. 2014.