



## **Chlamydia trachomatis and Neisseria gonorrhoea Testing**

Beginning 6/25/24, new specimen collection requirements go into effect for *Chlamydia trachomatis* (CT) and *Neisseria gonorrhoea* (GC).

Our primary reference laboratory, UVMCC, is changing to a new platform and will utilize the **Roche cobas® 6800** system for automated in vitro nucleic acid testing for the direct detection of CT/GC in vaginal, urine, and cervical specimens.

**With this change, sample requirements and test collection kits for CT/GC are also changing.**

**\*\*\* NOTE \*\*\* Endocervical and urethral swab specimens are not considered optimal collection sites and will no longer be accepted for CT and GC testing. \*\*\*\***

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**Caution:** Products containing carbomer(s), including vaginal lubricants, creams, and gels may interfere with the test and should not be used during or prior to collecting urogenital specimens.

**Vaginal Specimens:** The cobas® PCR Media Uni Swab sample kits are used to collect and transport vaginal swab specimens.

Uni Swab Kit:



**Urine Specimens:** The cobas® Urine sample kits are used to collect a urine samples \*

Urine Sample Kit:









**Cervical Specimens:** Cervical specimens are to be collected in PreservCyt® Solution



Our reference laboratory has provided notice that they will stop accepting the old collection media on 7/25/24.

NMC and Community Practices should utilize the revised attached NMC LABORATORY SUPPLY REQUISITION to request replacement swabs. Replacement swabs can be ordered starting 6/18/24 for use no earlier than 6/25/24.

Specimen	Container	Temperature	Collect Vol	Submit Vol	Min Vol	Stability	Container
Cervical specimen	Thin Prep Vial	Ambient	4 mL	1 mL	1 mL	30 days	
Urine specimen*	Collect in Sterile Container and transfer to Cobas Urine kit	Refrigerate	<30 mL	2 mL	2 mL	30 days	
Vaginal swab **	Cobas Uni Swab kit	Refrigerate or Ambient	N/A	N/A	N/A	60 days	
Anal/rectal swab	Aptima (orange vial/foil cap)	Refrigerate or Ambient	Swab	Swab	N/A	60 days	
Oral/Throat swab	Aptima (orange vial/foil cap)	Refrigerate or Ambient	Swab	Swab	N/A	60 days	
Ocular Specimen	Aptima (orange vial/foil cap)	Refrigerate or Ambient	N/A	N/A	N/A	60 days	
Endocervical	NO LONGER ACCEPTED - Not an optimal site						
Urethral Swab	NO LONGER ACCEPTED - Not an optimal site						
<p>* The patient should not have urinated for at least 1 hour prior to specimen collection. Direct patient to provide a first-catch urine (approximately 20 to 30 mL of the initial urine stream) into a sterile urine collection cup free of any preservatives. Collection of larger volumes of urine may result in rRNA target dilution that may reduce test sensitivity. Female patients should not cleanse the labial area prior to providing the specimen.</p>							
<p>** Vaginal swabs on patients less than 16 years old were previously sent to Mayo Clinical Laboratories. Effective 6/25/24, these will be sent to UVMMC</p>							

## **Molecular Vaginitis/Vaginosis Assay and *Chlamydia trachomatis* (CT)/*Neisseria gonorrhoea* (GC)**

Molecular testing for vaginitis/vaginosis is available through the NMC Laboratory and will be sent to UVMCC. The assay includes molecular detection of the following:

- Candida species group
- Candida glabrata
- Trichomonas vaginalis
- BV (Bacterial Vaginosis)



Clients may also order vaginal CT/GC testing with the Molecular Vaginitis/Vaginosis assay. Submit ONE vaginal swab using the Aptima transport vial. Testing is not available on the new cobas® 6800 system, and will instead be performed at UVMCC on the Hologic Panther Fusion

Specimen	Container	Temperature	Collect	Submit	Stability
Vaginal ***	Aptima (orange vial/foil cap)	Refrigerate or Ambient	Swab	Swab	30 days

\*\*\* *Insert supplied swab into the vagina about 2 inches past the introitus and gently rotate for 10 to 30 seconds. Make sure the swab touches the walls of the vagina so that moisture is absorbed by the swab then withdraw the swab without touching the skin. While holding the swab, unscrew the cap from the tube. Immediately place swab into the transport vial so that the score line is at the top of the tube. Break the top and discard. Tightly screw the cap into the tube.*

### **FOR CLIENTS WISHING TO ORDER A WET PREP**

**There are no changes, and this test remains orderable.**

- Submit a swab in sufficient saline to cover tip of swab (approximately 1 mL) and enclose in a properly labeled red top tube.
- Excess saline will dilute the specimen and may affect results.
- Dry swabs are UNACCEPTABLE
- Indicate source on requisition
- **DELIVER TO LABORATORY STAT IMMEDIATELY AFTER COLLECTION**

The online NMC Test Catalog provides details for all other test requests.  
<https://nmc.testcatalog.org/>