

TEST UPDATE

Chlamydia and Gonorrhea Testing Changes

UVMMC

On 6/25/2024, the UVMMC Laboratory will be changing the platform used for Chlamydia and Gonorrhea testing on urine, vaginal swabs, and cervical specimens from the Hologic Panther® to the **Roche cobas® 6800 system**. Method correlations were excellent between the two platforms.

Notable Changes:

- Endocervical and urethral swab specimens **will no longer be accepted** for CT and GC testing. These are not optimal collection sites.
- Anorectal and oropharyngeal (throat) swab specimens will continue to be tested on the Hologic Panther® platform. See below for **collection instructions** as they ***differ*** from that of the new platform.
- Acceptable specimens except cervical are to be collected in **cobas® PCR Media** (Roche Molecular Systems, Inc.). **Cervical specimens are to be collected in PreservCyt® Solution.**
- Orderable and resultable test names have been updated.

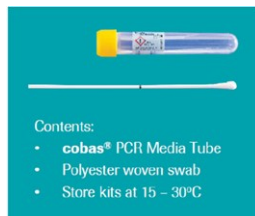
Specimen Collection Information:

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.

For vaginal and urine samples:

The cobas® PCR Media Uni Swab sample kits are used to collect and transport vaginal swab specimens. Urine should be transferred to the Urine PCR Media Tube. Given that collection of larger volumes of urine may reduce test sensitivity, please direct patients to provide first-catch urine (approximately 10 to 50 mL of the initial urine stream) into a urine collection cup.

UNI Swab Kit:



Urine Sample Kit:



For cervical samples:

Cervical specimens are to be collected in PreservCyt® Solution using a Thin Prep Vial.

PATHOLOGY & LABORATORY MEDICINE

111 Colchester Avenue | Mail Stop: 233MP1 | Burlington, Vermont 05401

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UVMMMC

The cobas® Uni Swab and Urine PCR Media kits can be ordered beginning 6/10/2024 by contacting the UVMMMC Laboratory Customer Service area at (802) 847-5121. **We will stop accepting the old collection media on 7/25/24. This will allow providers time to transition to the new media and send the old media back to UVMMMC.**

For anorectal or oropharyngeal (throat) samples:

The Aptima Swab Collection Kit (Orange) should be used for anorectal or oropharyngeal samples as these **cannot be run on the new instrument**.

Container	Specimen	Temp	Collect/Submit	Stability
Aptima (orange vial/foil cap)	Oral/Throat	Refrigerate	N/A	60 days
Aptima (orange vial/foil cap)	Anal/Rectal	Refrigerate	N/A	60 days

In addition, if the test **Vaginal CTGC and Vaginitis/Vaginosis Molecular Detection (LAB17610)** is ordered, please collect the vaginal swab specimen using the **Aptima transport vial** so only one swab needs to be submitted. The Vaginitis/Vaginosis testing is not available on the new cobas® 6800 system.

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



Test Build Information:

Updated Orderable	Epic Code	Atlas Code	Mayo Access ID	Order LOINC	CPT Code(s)
Chlamydia/N. Gonorrhoeae Amplified Nucleic Acid	LAB2664	CTGC	FAH5409	64017-7	87491, 87591
Result Component(s)	Epic Code	Atlas Code	Mayo Access ID	Result LOINC	Notes
Neisseria Gonorrhoeae Result	12301001800	GCRES	FAH5405	53879-3	
Chlamydia Trachomatis Result	12301002429	CHRES	FAH5404	53926-2	

Updated Orderable	Epic Code	Atlas Code	Mayo Access ID	Order LOINC	CPT Code(s)
Chlamydia/N. Gonorrhoeae Amplified Nucleic Acid, ThinPrep	LAB3215	TPCTGC	FAH5513	43304-5	87491, 87591
Result Component(s)	Epic Code	Atlas Code	Mayo Access ID	Result LOINC	Notes
Neisseria Gonorrhoeae Result	12301001800	GCRES	FAH5405	53879-3	
Chlamydia Trachomatis Result	12301002429	CHRES	FAH5404	53926-2	

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THE
University of Vermont
HEALTH NETWORK

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UVMMMC

Collection Device Cheat Sheet

Test	Specimen	Device
HPV with Genotyping , TPCTGC	Thin Prep	
CTGC – Vaginal collection	Yellow cap swab	
CTGC - Urine collection	Yellow cap urine or Specimen cup	 
Chlamydia/Gonorrhea (Oral + Rectal)	Aptima swab (Orange)	 
Vaginitis/Vaginosis	Aptima swab (Orange)	
Vaginitis/Chlamydia/Gonorrhea	Aptima swab (Orange)	
Ocular swab (Sent to Mayo Clinical Lab)	Aptima swab (Orange)	
CTGC - Pediatric Sexual Abuse (specific Emergency Dept workflow)	Aptima swab (Orange) GeneXpert swab Urine specimen cup also possible	

For questions of concerns related to these changes, please contact the Medical Director of Clinical Chemistry, Dr. Clayton Wilburn (clayton.wilburn@uvmhealth.org).

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