

To: Medical Staff, House Staff, Patient Care Centers, and Outpatient Clinics

From: Vera Tesic, MD, MS, D (ABMM) Medical Director, Microbiology and Immunology Laboratories
Karen Ironkwe, MT (ASCP) Manager, Microbiology and Immunology Laboratories

Date: 12/16/2024

Subject: Molecular Testing for Sexually Transmitted Infection Platform Transition

Effective Date: 12/17/2024

Laboratory Section: Microbiology/Immunology

Effective December 17, 2024, UCM Clinical Microbiology and Immunology Laboratory will be transitioning the *Chlamydia trachomatis*, *Neisseria gonorrhoeae*, and *Trichomonas vaginalis* testing from the Hologic Panther platform to the Roche Cobas 6800 platform. As part of our comprehensive plan for molecular testing of sexually transmitted infections, this transition will also include detection of an additional pathogen, *Mycoplasma genitalium*.

Beginning Monday, December 16, 2024, supply chain will begin transitioning from the Aptima Hologic collection devices to the Roche COBAS Dual-Swab and urine collection devices.

Please note the following regarding the new tests:

Epic test orders:

- *Chlamydia trachomatis* and *Neisseria gonorrhoeae* PCR (CT/NG PCR) [LABMICCTNG]
 - Specimen sources: urine, endocervix, vagina, oropharynx and anus/rectum
- *Trichomonas vaginalis* and *Mycoplasma genitalium* PCR (TV/MG PCR) [LABMICTVMG]
 - Specimen sources: urine, vagina and urethral meatus

Collection: Clinician-collected and self-collected (collected in a clinical setting). Refer to EPIC specimen collection instructions under each test for additional details.

Transportation: Samples should be stored and transported at 2–30°C.

Turnaround time: 24-48hrs. from receipt in Microbiology and Immunology Laboratory.

The test performance has not been evaluated in ocular specimens, other miscellaneous specimen sources, patients less than 14 years old (CT/NG), or less than 18 years old (TV/MG), hence these tests will NOT be performed in-house and will be referred to Mayo Medical Laboratories (MML). For MML send out Collection Kit supplies please contact Laboratory Service Center at (773) 702-1316.

Questions: If there are any questions regarding the change, test requirements or ordering, please

contact: Karen Ironkwe Karen.Ironkwe@uchicagomedicine.org and

Nina Francois Nina.Francois@uchicagomedicine.org