

To:	Ambulatory Providers
From:	Department of Pathology and Laboratory Medicine HUP Clinical Microbiology Laboratory Laurel Glaser, MD, PhD, Director Kyle Rodino, PhD, Assistant Director
Date:	October 31, 2023
Re:	New Assay: Molecular Detection of Bacterial Vaginosis and Candida Vaginitis

Ordering Information

Effective Tuesday, Nov. 7, 2023 the Clinical Microbiology Laboratory at the Hospital of the University of Pennsylvania will offer molecular testing for bacterial vaginosis and Candida vaginitis. Collect vaginal specimens in the Aptima Multitest Swab:



Place orders in PennChart using the Bacterial Vaginosis/Vaginitis Order Panel. When appropriate, a single swab may be used to test for *Chlamydia/Gonorrhea, Trichomonas, Candida* vaginitis and bacterial vaginosis.



For full information on specimen collection and orders please visit the lab test services guide.

Ordering Recommendations

This testing replaces the Gram stain evaluation for Candida vaginitis and bacterial vaginosis. Note that Candida testing must be combined with Trichomonas testing due to the assay design.

Assay Information

The Aptima® BV assay is an in vitro nucleic acid amplification test that utilizes real time transcription-mediated amplification (TMA) for detection and quantitation of ribosomal RNA from bacteria associated with bacterial vaginosis (BV), including *Lactobacillus* (L. gasseri, L. *crispatus*, and *L. jensenii*), *Gardnerella vaginalis*, and *Atopobium vaginae*. The assay reports a qualitative result for BV and does not report results for individual organisms.

The Aptima® CV/TV assay is an in vitro nucleic acid amplification test that utilizes real time transcription-mediated amplification (TMA) for detection and quantitation of ribosomal RNA from *Candida* species group (*C. albicans, C. tropicalis, C. parapsilosis, C. dubliniensis*), *Candida glabrata* and *Trichomonas vaginalis*. The assay distinguishes *C. glabrata* from other *Candida* species