

Improved Molecular Vaginitis Screen

Effective Date: 12/04/2024

Corewell Health Laboratory is excited to offer a new test for vaginitis starting 12/04/2024. The new test (VAGINITIS PCR PANEL [LAB1231839]) offers increased sensitivity and specificity while also providing additional relevant information and simplifying workflow.

The improved collection device (Fig.1) offers a simple and familiar workflow. A vaginal swab is obtained and placed in the provided sample tube, which is re-capped, labeled, and submitted to the laboratory. No additional steps are required. This collection device also provides increased specimen stability of up to 21 days both at room temperature and refrigerated compared to the current test (VAGINOSIS SCREEN [LAB1231044]). To order this collection device, request “BD Max Swab” from Corewell Laboratory Supplies.



Fig. 1: BD Molecular Swab Collection Kit

The new vaginitis screen also has improved performance characteristics. The test uses PCR to detect multiple different organisms associated with Bacterial Vaginosis (BV) as well as *Lactobacillus* spp., associated with healthy vaginal flora. The determination of BV status is based on a combination of these results, increasing sensitivity by including more potential markers of BV while also increasing specificity by including normal flora organisms.

The use of PCR also increases sensitivity for the detection of vulvovaginal candidiasis (VVC) and *Trichomonas vaginalis* (TV). Additionally, the new test specifically identifies *Candida glabrata* and *Candida krusei*, which display reduced susceptibility to some azole antifungals (incl. Fluconazole), in addition to *Candida* spp. in general.

Due to the increased performance characteristics and stability as well as the improved workflow and reporting of the new test (VAGINITIS PCR PANEL [LAB1231839]), the previous vaginosis screen (VAGINOSIS SCREEN [LAB1231044]) will no longer be offered. Vaginal cultures (GENITAL CULTURE [LAB1231034]) are not appropriate for the diagnosis of BV and VVC and are unable to detect TV and should not be ordered for the diagnosis of vaginitis

For questions regarding testing, please contact Corewell Health Laboratory Customer Service at **800-551-0488**.

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