



What is Molecular Microbiology?

Molecular Microbiology identifies microorganisms including bacteria, fungi, and viruses through DNA detection. This technique is very sensitive, specific and rapid compared to traditional microbiology procedures, creating a powerful diagnostic tool for physicians.

Our profile delivers a snapshot of a patient's vaginal micro-environment covering 34 organisms. Capstone's scientific team utilizes cutting edge technology to qualify pathogenic and non-pathogenic bacterial species, as well as detect other diseases associated organisms within the vaginal microbiome.

Our Optimized Women's Health Panel Plus STD Features:

- Rapid turnaround time compared to traditional microbiology techniques
- Differential diagnosis to guide treatment options
- Easy to read reports delivered via EMR integration, web portal, or fax

Optimized Women's Health Panel Plus STD- (comprehensive testing of vaginal microflora)

Optimized Women's Health Panel

Bacterial Vaginosis Panel

- Gardnerella vaginalis
- Atopobium vaginae
- Megashpaera 1
- Megashpaera 2
- Mycoplasma hominis
- Ureaplasma urealyticum
- Mobiluncus curtisii
- Mobiluncus mulieris
- BVAB2
- Prevotella bivia
- Bacteroides fragilis
- Lactobacillus gasseri
- Lactobacillus iners
- Lactobacillus crispatus
- Lactobacillus jensenii

Candidiasis Panel

- Candida albicans
- Candida tropicalis
- Candida glabrata
- Candida lusitaniae
- Candida dubliniensis
- Candida parapsilosis
- Candida krusei

Aerobic Vaginitis Panel

- Staphylococcus aureus
- Enterococcus faecalis
- Escherichia coli

Optimized Women's Group B Strep Panel

- Streptococcus agalactiae

Optimized Women's STD Panel

- Chlamydia trachomatis
- Neisseria gonorrhoeae
- Treponema pallidum
- Trichomonas vaginalis
- HSV-1
- HSV-2
- Mycoplasma genitalium
- Haemophilus ducreyi