



## VAGINAL MICROBIOME PROFILE - Test Code 2031



Turnaround Time: 5-7 business days



Specimen Type:  
Vaginal Swab

### Description

Vaginal infections such as bacterial vaginosis (BV), vulvovaginal candidiasis (VVC), and trichomoniasis (TV), rank among the primary reasons women seek medical attention. Many women will experience at least one episode of VVC, TV, or BV during their lifetime, with millions of women testing positive for BV at any given time (Lev-Sagie et al., 2022). Prevalence rates of these infections can vary significantly across different populations (Lev-Sagie et al., 2022).

The vaginal environment is a rich habitat for various organisms including bacteria, viruses, parasites, and yeasts. Many of these microorganisms play a crucial role in maintaining health by inhibiting the growth of harmful pathogens (Lev-Sagie et al., 2022). When there is an imbalance in this microbial community, infections and uncomfortable symptoms may arise (Lev-Sagie et al., 2022). Each woman's vaginal microbiome is influenced by factors such as age, hormonal fluctuations, and the use of antibiotics or probiotics. These variables can contribute to shifts in microbial populations, affecting overall vaginal health (Lev-Sagie et al., 2022).

Understanding the complexities of vaginal microbiota can lead to better prevention and management strategies for common infections, ultimately enhancing women's health and well-being (Witkin et al., 2019).

### Whats included?

- PCR analysis of vaginal beneficial bacteria, opportunistic/commensal bacteria, yeasts, STI's and pH

\*Scan the QR code for the full list of analytes

### Conditions and Symptoms

- Abnormal vaginal discharge
- Foul or fishy vaginal odour
- Thrush
- Vaginal itching
- Vaginal dryness
- Discomfort or pain during intercourse
- Burning
- Vaginal infections
- Infertility or difficulty conceiving

### Complementary Testing

- Complicated UTI Screen (Test code 2205)
- Advanced Hormones Dried Urine (Test code 1501)

### Accreditations Include:

- NATA ISO 15189 – Requirements for Quality and Competence in Medical Laboratories\*
- CLIA – Clinical Laboratories Improvement Amendments\*



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\*See NATA and CLIA website for further details