

Testing of urogenital tract biocenosis
Femobiome® 16

Date 13 December 2024, 10:45:39
Number of tube
Patient name
Sex
Age
Organization Information about laboratory
Clinician name
Comments

Sample ID: Sample_2

№	Test title	Result	
		Quantitative	Relative Lg (X/TMD)
	Sample in take control	10 ^{4.8}	
1	Total Bacterial Mass	10 ^{5.9}	
Normal microflora			
2	Lactobacillus spp.	10 ^{5.3}	-0.3 (38-51 %)
Facultative anaerobic microorganisms			
3	cem. Enterobacteriaceae	not detected	
4	Streptococcus spp.	not detected	
5	Staphylococcus spp.	not detected	
Obligate anaerobic microorganisms			
6	Gardnerella vaginalis+ Prevotella bivia + Porphyromonas spp.	10 ^{4.3}	-1.3 (4-6 %)
7	Eubacterium spp.	10 ^{5.4}	-0.4 (37-50 %)
8	Sneathia spp. + Leptotrichia spp. + Fusobacterium spp.	not detected	
9	Megasphaera spp. + Veillonella spp. + Dialister spp.	10 ^{4.2}	-1.4 (3-4 %)
10	Lachnobacterium spp. + Clostridium spp.	10 ^{4.1}	-1.5 (2.4-3.3 %)
11	Mobiluncus spp. + Corynebacterium spp.	not detected	
12	Peptostreptococcus spp.	not detected	
13	Atopobium vaginae	10 ^{2.6}	-3.0 (<0.1 %)
Yeast-like fungi			
14	Candida spp.*	10 ^{3.3}	
Mycoplasmas			
15	Mycoplasma hominis*	not detected	
16	Ureaplasma (urealyticum + parvum)*	10 ^{1.6}	
Pathogenic microorganisms			
17	Mycoplasma genitalium**	not detected	

* Quantitative Analysis Lg(X)
** Qualitative Analysis

Conclusion:
Moderate dysbiotic dysbiosis.

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FEMOBIOME®

Advanced Microbiome Analysis
for Women's Health

Genomer
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Why do we need to perform tests for infections?

One of the main reasons why women seek medical advice is complaints of unpleasant itches, burning sensations and discharges. In most of cases these unpleasant symptoms are due to a **disbiotic condition**, i.e. a disorder in qualitative and quantitative ratios of normal (lactobacteria) and opportunistic microflora (micro-organisms presented in low quantities in healthy condition). Conventional methods available for professionals (microscopy, bacteriology, conventional PCR diagnostics) do not allow for prompt reliable diagnostics of such conditions thereby reducing the woman's quality of life; adversely affecting pregnancy course, increasing risk of fetus intrauterine infection, premature delivery; being one of the causes of infertility and other reproductive issues.

The real breakthrough in diagnostics of infectious and inflammationary diseases has been achieved with **Femobiome®** tests that allow to promptly (within about a day) provide specialists, e.g. obstetricians-gynecologists, STD and skin specialists, fertility specialists, with an actual pattern of microflora in female genital tract. Femobiome® is based on real-time PCR, the most accurate and rapid assay for infections (an assay intended for STD pathogen identification).

Who this test is recommended for?

Women with inflammation symptoms (itch, burning sensation, abnormal discharge), when preparing for pregnancy or gynecological interventions, in infertility, in frequent partner changes, for preventive examinations, periodic health examination, including in the absence of complaints, i.e. **for all who are concerned about their health**.

What Femobiome® tests can help with?

Prompt and informative diagnostics allows the attending physician to find a correct solution of the problem in hand, **select individual management tactics within 1 visit**, avoid excessive/insufficient treatment, make the therapy efficient, i.e. **promote reproductive health**.

How to prepare for sampling?

To obtain a correct result of Femobiome® test, do not make a vaginal douche or deep genital washing or use drugs (antibiotics, bactericidal agents, pro- and eubiotics) and refrain from sexual activity before the visit to the physician. We recommend to ask your physician or medical lab staff for more information.

How to select a proper Femobiome® test?

Depending on the clinical situation and assessment goals, the physician can prescribe Femobiome®Screen or Femobiome®-16.

Femobiome®Screen is a complex of main microflora parameters. **It is recommended** for diagnosis verification in a primary test of a patient with complaints, in preventive examinations, even in the absence of complaints, and for treatment efficacy control.

Femobiome®-16 is a detailed microflora characterization. For integrated study, an additional assay for pathogens can be prescribed. **It is recommended** for examination of patients with treatment failure, disease recurrence, in planning pregnancy, in reproductive failures and pelvic organ surgeries.

What does the Femobiome® test result look like?

Individual specific report form and initial interpretation of results are performed automatically in the laboratory by specialized software. For convenience of the result interpretation, a clinician uses color coding and forms a laboratory report.

- compliance with normal criteria
- moderate deviation from normal criteria
- major deviation from normal criteria

Why can I rely on Femobiome®?

Femobiome® has no equivalent worldwide. Up-to-date PCR technology ensures the **assay result accuracy**, and fully national production makes the **assay financially feasible** for physicians and patients.

IMPORTANT! In chronic recurrent processes in any of partners, we recommend an integrated examination including Femobiome® (for women) and Androbiome® (for men).



