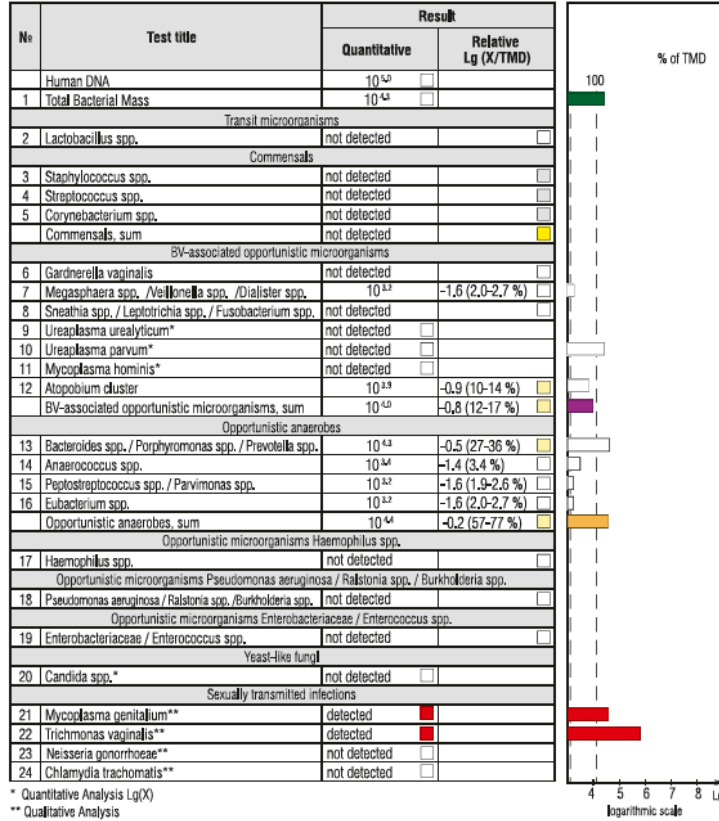


Urogenital microbiome composition test
Androbiome®

Date 1 June 2025, 9:57:15
Number of tube
Patient name
Sex
Age
Organization Information about laboratory
Clinician name
Comments



Conclusion:
DETECTED: Mycoplasma genitalium, Trichomonas vaginalis.
Dysbiotic mixed microflora. The quantity of dysbiota is evaluated as a background clinical disease greater than 10⁴.

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ANDROBIOME®

Advanced Microbiome Analysis
for Male Urogenital Health

Genomer
Biyoteknoloji Arge San.ve Tic. Ltd. Şti.

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Androbiome® — always right on schedule

Genitourinary diseases are one of the primary causes of male fertility disorders. Diseases such as urethritis, prostatitis, balanitis, etc. are typically based on infectious and inflammatory processes. Without prompt diagnostics and treatment, these diseases can lead to a decrease in quality of life, sexual disorders, and infertility.

The Androbiome® technology is

- **accurate diagnostics** of cause and severity of disorders of microbial population in genitourinary tract
- a base of **individual and efficient treatment** of patient with no excessive therapy
- a test for people who **are concerned about their health**, value time, quality and reliability

No equivalents worldwide

Androbiome® is an absolutely novel test to assess male genitourinary tract microflora.

The test is based on real-time PCR, one of the most accurate and up-to-date technologies allowing for complete qualitative and quantitative characterization of normal, opportunistic and pathogen microflora in male genitourinary tract.

IMPORTANT! Androbiome® reliably detects micro-organisms that are hardly identified or cannot be identified by bacteriological culturing.

When is such an assay needed?

- With unpleasant symptoms: itches, burning sensations, genital discharge, sense of discomfort, pain in genitals, urination disorders
- Before urological surgery
- When preparing for IVF
- In inefficient treatment of urinary diseases

The Androbiome® test is performed to detect presence and severity of disbalance in genitourinary microflora, which is essential for both patient and physician when selecting the tactics of treatment and during treatment efficacy control.

How to select a test?

Depending on the clinical situation and assessment goals, the physician can prescribe the more brief Androbiome®Screen (commonly used in diagnostics of acute diseases) or the expanded Androbiome® option (for diagnostics of acute and chronic diseases, infertility).

How to obtain a sample?

The attending physician decides what biomaterial to send for examination. To obtain a correct result, the biomaterial should be taken from biotope maximally close to the supposed source of infection.

In **lower genitourinary system diseases**, we recommend to take samples from uretra, balanus and preputium. First morning urine can be collected and sent for analysis in acute inflammation only, when a swab cannot be obtained due to pain.

In **upper genitourinary system diseases** a prostatic fluid or ejaculate (that can be collected by patient using manual masturbation into an urine container and delivered to a laboratory within 24 hours) can be studied.




How to make a proper preparation for sampling?

Presence of a so-called transitory microflora obtained from a partner can change the microbial picture and affect the results, therefore it is necessary to refrain from sexual activity or engage in protected sex only within 3 days before biomaterial sampling.

IMPORTANT! Androbiome® test uses 3 control parameters of adequacy of the biomaterial provided for the study that ensures accuracy of the results.

The Androbiome® test is performed to detect presence and severity of disbalance in genitourinary microflora, which is essential for both patient and physician when selecting the tactics of treatment and during treatment efficacy control.

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

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

