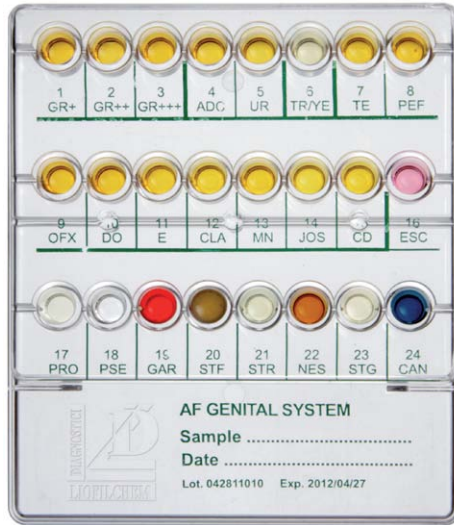


System for detection, count and susceptibility testing of urogenital mycoplasmas and pathogenic microorganisms

DIRECT INOCULATION FROM THE SPECIMEN SUSPENSION, NO ENRICHMENT BROTH NEEDED



RESULTS IN 24-48 HOURS INCUBATION AT 36±1 °C
INEXPENSIVE, EASY TO USE, INSTRUMENTS FREE

Urogenital Mycoplasmas

COUNT

<10⁴ CFU/mL

Low growth of mycoplasmas is shown by colour change of well:



1-GR+ from yellow to red

<10⁵ CFU/mL

Moderate growth of mycoplasmas is shown by colour change of wells:



1-GR+, 2-GR++ from yellow to red

>10⁵ CFU/mL

High growth of mycoplasmas is shown by colour change of wells:



1-GR+, 2-GR++, 3-GR+++ from yellow to red

DETECTION

Mycoplasma hominis



The presence of ***Mycoplasma hominis*** is shown by colour change of well:
4-ADC from yellow to red

Ureaplasma urealyticum



The presence of ***Ureaplasma urealyticum*** is shown by colour change of well:
5-UR from yellow to red

Mycoplasma hominis and *Ureaplasma urealyticum*



The presence of ***Mycoplasma hominis*** and ***Ureaplasma urealyticum*** is shown by colour change of wells:
4-ADC and 5-UR from yellow to red

SUSCEPTIBILITY TESTING



The **Sensitivity** to antibiotics is shown by the colour of wells:
yellow



The **Intermediate sensitivity** to antibiotic is shown by colour change of wells:
from yellow to orange



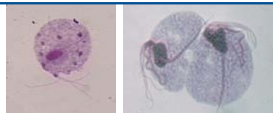
The **Resistance** to antibiotic is shown by colour change of wells:
from yellow to red

Presumptive Identification

Trichomonas vaginalis / Yeasts



Observe the presence of mobile ciliated trophozoites, chlamydospores and hyphae under microscopic observation (40x).



Trichomonas vaginalis trophozoite.



Candida albicans chlamydospores and hyphae

Escherichia coli



The presence of ***Escherichia coli*** is shown by colour change of well:
16 - ESC from red to blue



NEGATIVE
16 - ESC

Proteus spp.



The presence of ***Proteus spp.*** is shown by colour change of well:
17 - PRO from yellow to brown



NEGATIVE
17 - PRO

Pseudomonas spp.



The presence of ***Pseudomonas spp.*** is shown by colour change of well:
18 - PSE from yellow to green



NEGATIVE
18 - PSE

Gardnerella vaginalis



The presence of ***Gardnerella vaginalis*** is shown by colour change of well:
19 - GAR from red to yellow



NEGATIVE
19 - GAR

Staphylococcus aureus



The presence of ***Staphylococcus aureus*** is shown by colour change of well:
20 - STF from yellow to black



NEGATIVE
20 - STF

Enterococcus faecalis



The presence of ***Enterococcus faecalis*** is shown by colour change of well:
21 - STR from yellow to black



NEGATIVE
21 - STR

Neisseria gonorrhoeae



The presence of ***Neisseria gonorrhoeae*** is shown by colour change of **Oxidase test stick** from white to blue



NEGATIVE
22 - NES

Streptococcus agalactiae



The presence of ***Streptococcus agalactiae*** is shown by colour change of well:
23 - STG from yellow to green



NEGATIVE
23 - STG

Candida spp.



The presence of ***Candida spp.*** is shown by colour change of well:
24 - CAN from green to yellow



NEGATIVE
24 - CAN

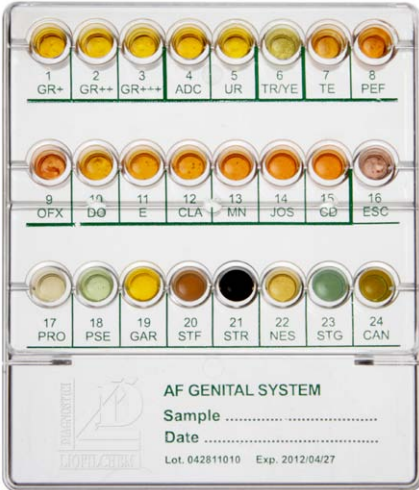
TEST PROCEDURE

Code 74156

20 test

EXAMPLE OF RESULTS

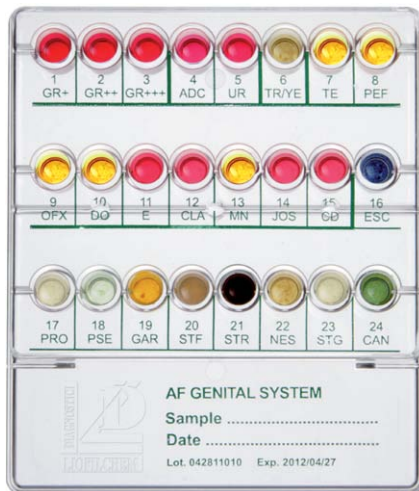
①



Sample of vaginal swab with presence of

- Gardnerella vaginalis** (19-GAR)
- Enterococcus faecalis** (21-STR)
- Streptococcus agalactiae** (23-STG)
- Candida spp.** (24-CAN)

②



Sample of vaginal swab with presence of
Mycoplasma hominis (4-ADC)
Ureaplasma urealyticum (5-UR)
 with growth +++ (>10⁵ CFU/mL)
E. coli (16-ESC) and
Gardnerella vaginalis (19-GAR)

Susceptibility testing of mycoplasmas:
 11-E, 12-CLA, 14-JOS, 15-CD = **Resistant**



Immerse the swab (after obtaining the clinical material) in the vial of physiological solution and wait 5 minutes. Carefully squeeze the swab against the vial wall.



Transfer 0.2 mL of clinical sample suspension into each well of the system.



Cover wells 1 to 5, 7 to 15, 19 and 24 with 1 drop of Vaseline Oil. Cover the system with the lid provided and incubate in thermostat at 36 ± 1 °C for 18-24 hours.



Take a drop of liquid from well **6-TR/YE**, deposit it on a glass slide, place a cover slip on top and examine under the microscope (40x) for the presence of *Trichomonas vaginalis* and *Candida* spp.



Take a drop of liquid from well **22-NES**, deposit in on an Oxidase Test Stick and observe the immediate development (10 seconds roughly) of a blue colour (positive oxidase test)



Read and interpret by automatic reader or manually with the test results form.