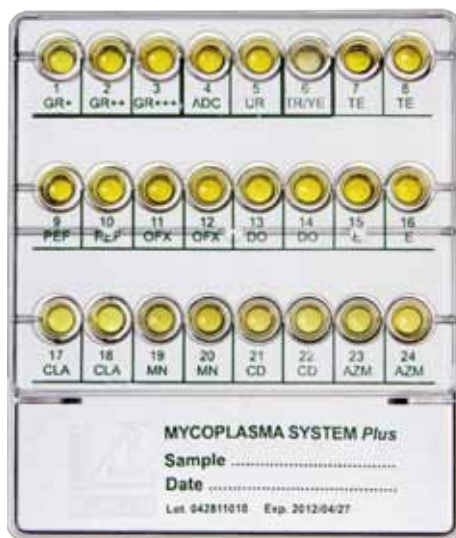


Mycoplasma System Plus

System for detection, count and susceptibility testing of
Urogenital Mycoplasmas/Ureaplasmas

**DIRECT INOCULATION
FROM SAMPLE SUSPENSION,
NO ENRICHMENT BROTH**



**RESULTS AFTER 24-48 HOURS
INCUBATION AT 36±1 °C**
**SIMPLE LABORATORY
EQUIPMENT**

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



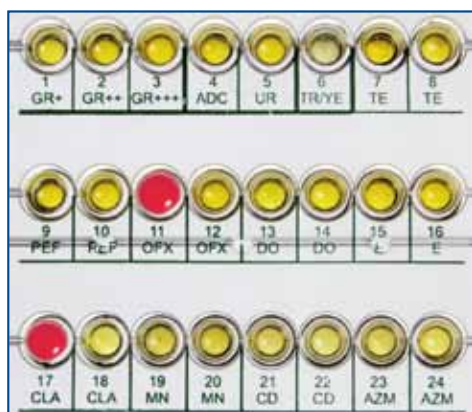
The presence of *Ureaplasma urealyticum* is shown by colour change of well:
5-UR from yellow to red

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

PATHOGENIC MICROORGANISMS

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

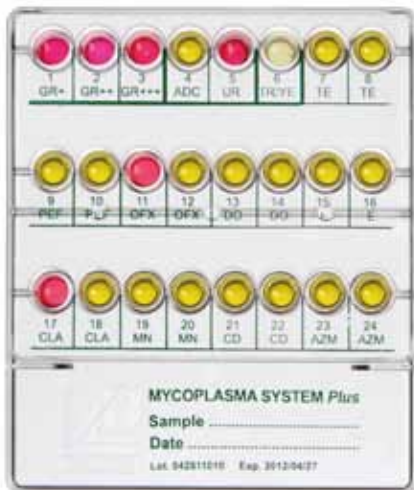
TEST PROCEDURE

Code 72592

20 test

EXAMPLE OF RESULTS

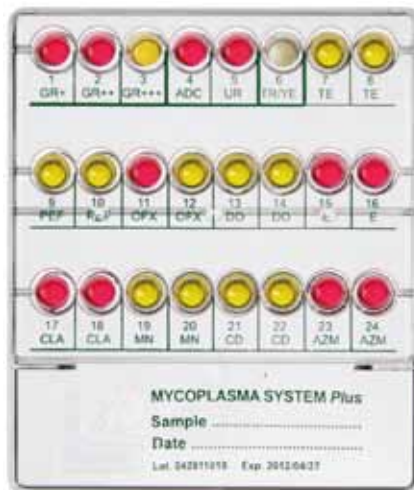
①



Sample of vaginal swab with presence of ***Ureaplasma urealyticum*** (5-UR) with growth +++ ($>10^5$ CFU/mL).

Susceptibility testing of mycoplasmas:
11-OFX, 17-CLA = **Resistant**

②



Sample of vaginal swab with presence of ***Mycoplasma hominis*** (4-ADC), ***Ureaplasma urealyticum*** (5-UR) with growth ++ ($10^4 - 10^5$ CFU/mL).

Susceptibility testing of mycoplasmas:
11-OFX, 15-E, 16-E, 17-CLA, 18-CLA, 23-AZM = **Resistant**
24-AZM = **Intermediate sensitivity**



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.



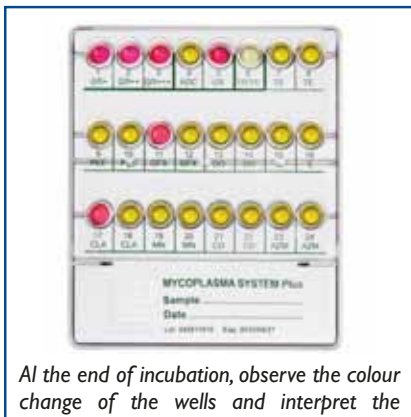
Transfer 0.2 mL of clinical sample suspension into each well of the system.



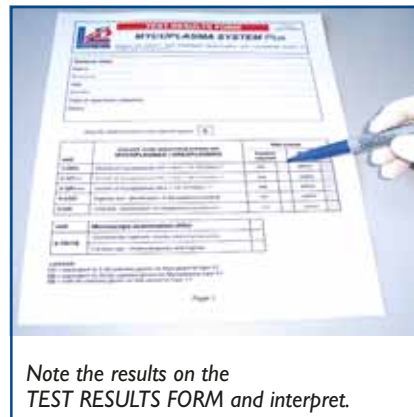
Cover wells 1 to 5, 7 to 15, 19 and 24 with 1 drop of Vaseline Oil.
Cover the system with the lid provided and incubate in thermostat at 36 ± 1 °C for 18-24 hours.



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



At the end of incubation, observe the colour change of the wells and interpret the results.



Note the results on the **TEST RESULTS FORM** and interpret.