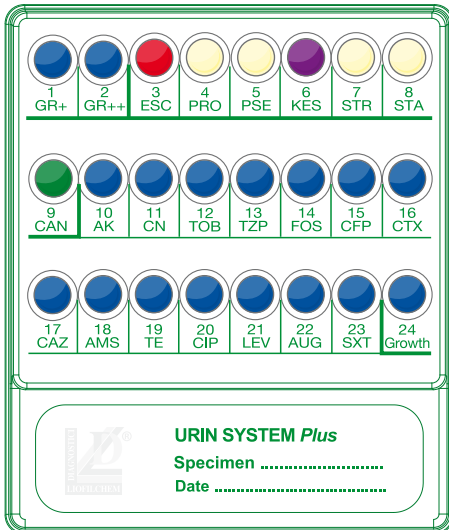


URIN SYSTEM *Plus*

Count, Identification and Antimicrobial Susceptibility Testing of the main pathogenic microorganisms directly from Urine Specimen

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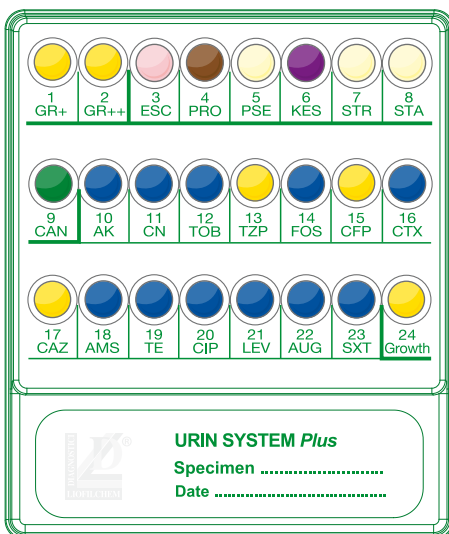


★ Count and Direct Microbial Identification

Escherichia coli, *Proteus/Providencia* spp.,
Pseudomonas spp., *Klebsiella* spp., *Enterobacter* spp.,
Serratia spp., *Enterococcus* spp. (Group D),
Staphylococcus spp., *Candida* spp.

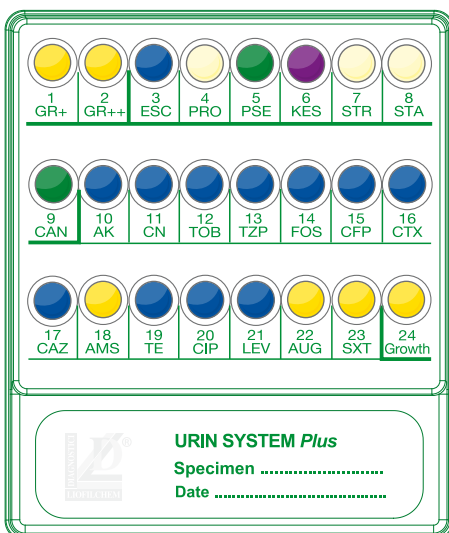
★ Antimicrobial Susceptibility Testing

Amikacin, Gentamycin, Tobramycin,
Piperacillin-Tazobactam, Fosfomycin, Cefoperazone,
Cefotaxime, Ceftazidime, Ampicillin/Sulbactam,
Tetracycline, Ciprofloxacin, Levofloxacin,
Amoxicillin/Clavulanic acid, Co-trimoxazole



★ Benefits

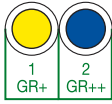
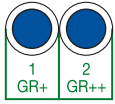
- ✓ Complete diagnosis
- ✓ Save time and labor with direct testing
- ✓ Results in 18-24 hours
- ✓ Clear and well defined color changes
- ✓ Easy interpretation
- ✓ Automatic reading available



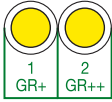
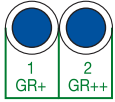
URIN SYSTEM *Plus*

RESULTS

Count

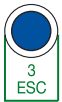
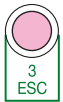


Significant bacteriuria:
from 10^5 CFU/mL
to 10^6 CFU/mL

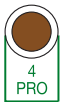
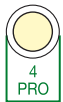


Heavy bacteriuria:
> 10^6 CFU/mL

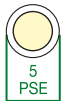
Identification



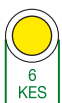
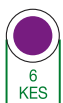
Escherichia coli



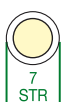
Proteus Providencia spp.



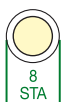
Pseudomonas spp.



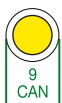
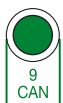
Klebsiella/Enterobacter Serratia spp.



Enterococcus spp.
(Group D)

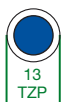
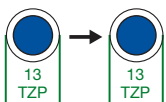


Staphylococcus spp.

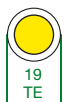


Candida spp.
- confirm at the microscope

Antimicrobial Susceptibility Testing



Sensitivity



Resistance

DESCRIPTION	PACKAGING	REF.
URIN SYSTEM <i>Plus</i>	20 tests	74160
URIN SYSTEM <i>Plus</i>	4 tests	79160
KOVAC'S - REAGENT	4X25 mL	80271

TEST PROCEDURE



1

• Add 0.5 mL of urine to the vial of Physiological Solution (Suspension A).



2

• Add 0.2 mL of Suspension A to the vial of Suspension Medium (Suspension B).



3

• Transfer 0.2 mL of Suspension A to wells 1 to 9. (Count and Identification)
• Transfer 0.2 mL of Suspension B to wells 10 to 24. (Antimicrobial Susceptibility Testing)



4

• Cover the system with the lid provided and incubate in thermostat at $36 \pm 1^\circ\text{C}$ for 18-24 hours.



5

• Confirm *Candida spp.* by taking a drop from the positive well 9-CAN and watch for spores at the microscope (400x).
• Watch for the color change of the wells and interpret the results.



6

• Note down the test results on the form provided in the kit, or read and interpret with **automatic readers**.