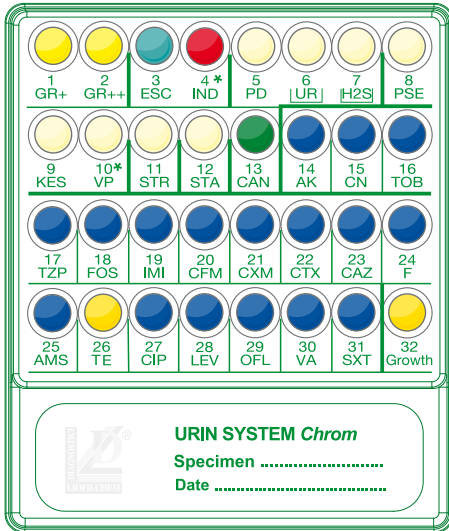


Urin System Chrom

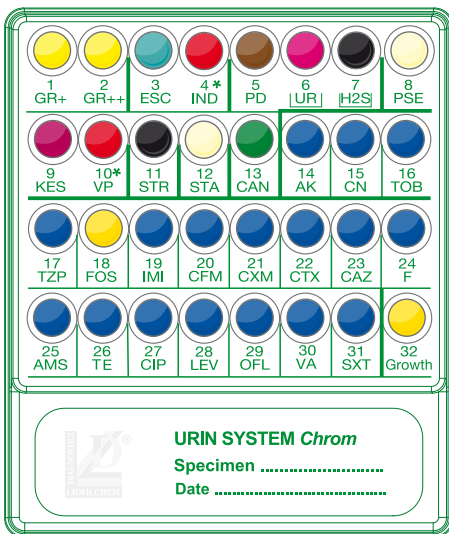
Count, Identification and Antimicrobial Susceptibility Testing of the main pathogenic microorganisms directly from Urine Specimen

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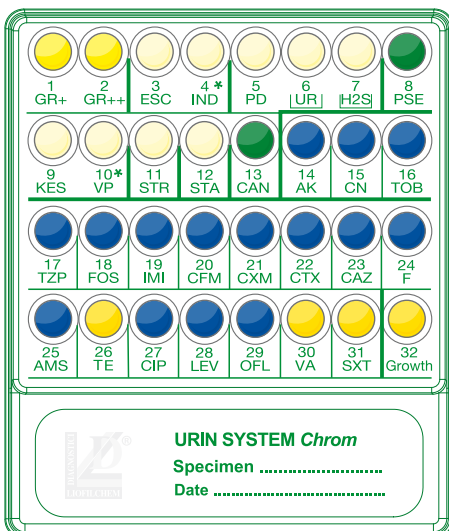
★ Count and Direct Microbial Identification

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



★ Antimicrobial Susceptibility Testing

Amikacin, Gentamicin, Tobramycin, Piperacillin-Tazobactam,
Fosfomycin, Imipenem, Cefixime, Cefuroxime,
Cefotaxime, Ceftazidime, Nitrofurantoin, Ampicillin-Sulbactam,
Tetracycline, Ciprofloxacin, Levofloxacin, Ofloxacin,
Vancomycin, Co-trimoxazole



★ Benefits

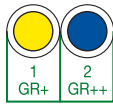
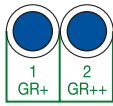
- ✓ Complete diagnosis
- ✓ Save time and labor with direct testing
- ✓ Results in 18-24 hours
- ✓ Clear and well defined color changes
- ✓ Easy interpretation
- ✓ Automatic reading available



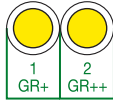
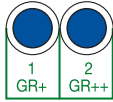
Urin System Chrom

RESULTS

Count

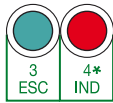
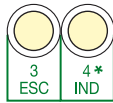


Significant bacteriuria:
from 10^5 CFU/mL
to 10^6 CFU/mL



Heavy bacteriuria:
> 10^6 CFU/mL

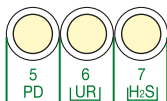
Identification



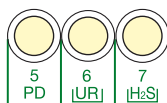
Escherichia coli
* Positive indole test



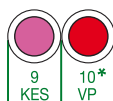
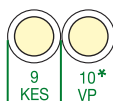
Proteus spp.



Providencia spp.



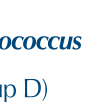
Citrobacter spp.



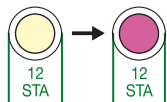
**Klebsiella/Enterobacter
Serratia spp.**
* Positive VP test



**Pseudomonas
spp.**



**Enterococcus
spp.
(Group D)**

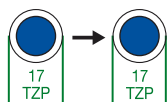


**Staphylococcus
spp.**

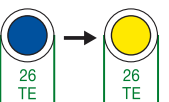


Candida spp.
- confirm at the
microscope

Antimicrobial Susceptibility Testing



Sensitivity



Resistance

DESCRIPTION	PACKAGING	REF.
URIN SYSTEM Chrom	20 tests	74161
KOVAC'S REAGENT DROPPERS	20X2.5 mL	87001
VP (KOH) REAGENT DROPPERS	20X2.5 mL	87007
VASELINE OIL DROPPERS	10X10 mL	87006

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 13. (**Count and Identification**)
- Transfer 0.2 mL of **Suspension B** to wells 14 to 32. (**Antimicrobial Susceptibility Testing**)

4

- Cover the wells 6-UR and 7-H₂S with one drop of vaseline oil and incubate at 36 ± 1 °C for 18-24 h.
- Add the Kovac's Reagent to the well 4-IND and the VP Reagent to the well 10-VP for confirming the relevant ID.

5

- Confirm *Candida* spp. by taking a drop from the positive well 13-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**.



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