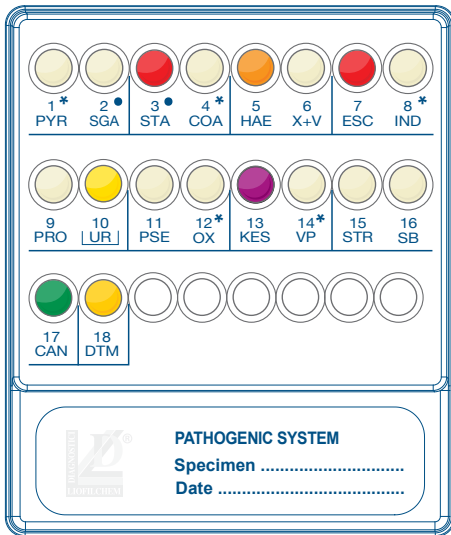


PATHOGENIC SYSTEM

Presumptive Identification of the main pathogenic microorganisms directly from several Clinical Specimens

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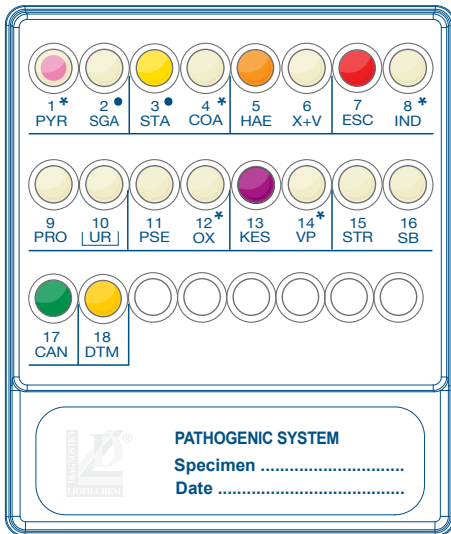


★ Several clinical specimens

Pharyngeal swab, Cutaneous swab,
Auricular swab, Ophthalmic swab,
Expectorate and other clinical specimens.

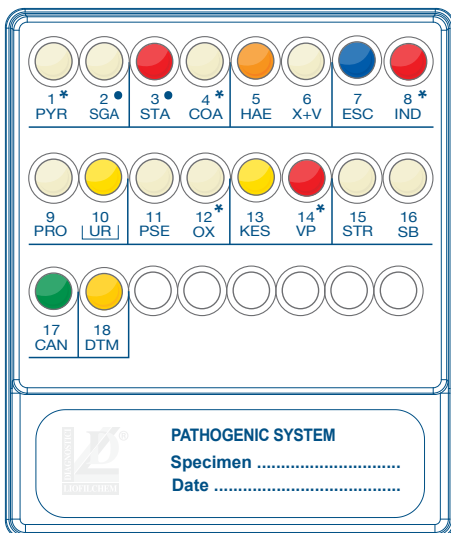
★ Direct microbial identification

Streptococcus pyogenes (Group A),
Staphylococcus aureus,
Haemophilus spp.,
Escherichia coli,
Proteus spp., *Providencia* spp.,
Pseudomonas spp.,
Klebsiella spp., *Enterobacter* spp., *Serratia* spp.,
Enterococcus spp. (Group D),
Candida spp., *Dermatophytes* spp.



★ Benefits

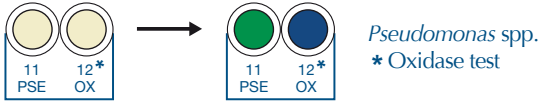
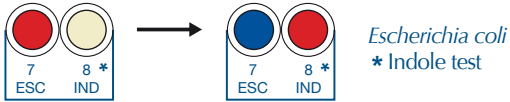
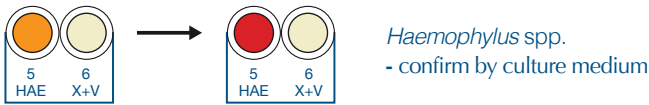
- ✓ Complete diagnosis
- ✓ Save time and labor with direct testing
- ✓ Results in 18-24-48 hours
- ✓ Confirmation with serum agglutination tests
- ✓ Clear and well defined color changes
- ✓ Easy interpretation



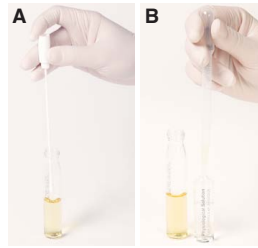
PATHOGENIC SYSTEM

RESULTS

Identification



TEST PROCEDURE



- Dip the swab of the specimen into a tube of nutrient broth and incubate at 36±1°C for 2-4-6 hours.
 - Transfer 0.5 mL of culture broth into the vial of Physiological Solution (**Specimen Suspension**).



- Add a Pyr Disc into the well 1-PYR.
 - Add 0.2 mL of the Specimen Suspension into each well of the system, add one drop of vaseline oil into the well 10-UR.
 - Incubate at 36±1°C for 18-24 h.



- Add two drops of PYR Reagent into the well 1-PYR. The pink-red colouring of the disc within 5 minutes identifies *Streptococcus pyogenes* (Group A).
 - Confirm the presence of *S. pyogenes* (Group A) by Strepto A latex kit.



- Confirm the presence of *Staphylococcus aureus* by Staph latex kit or coagulation test.
 - Confirm the presence of *Haemophylus* spp. by inoculating a selective culture medium.



- Confirm the presence of *Escherichia coli* adding two drops of Kovac's Reagent into the well 8-IND (Indole Test).
 - Confirm the presence of *Pseudomonas* spp. adding a disc of Oxidase test into the well 12-OX.



- Confirm *Candida* spp./Dermatophytes by taking a drop from the positive wells 17-CAN/18-DTM and watch for spores at the microscope (400x).
 - Note down the test results on the form provided in the kit, or read and interpret by **automatic readers**.

DESCRIPTION	PACKAGING	REF.
PATHOGENIC SYSTEM	20 tests	71679
KOVAC'S - REAGENT	4X25 mL	80271
VASELINE OIL	4X50 mL	80279
OXIDASE TEST DISCS	30 discs	88004
STREPTO A LATEX KIT	50 tests	96154
STAPH LATEX KIT	50 tests	96017



Liofilchem® s.r.l.
64026 Roseto degli Abruzzi, Italy
Tel. : +39 0858930745
Fax : +39 0858930330
www.liofilchem.net



ref. 6553000 - Rev. 1/ 22-10-2012
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