

COPRO SYSTEM *Plus*

Presumptive Identification of the main pathogenic microorganisms directly from Fecal Specimen

☀ Direct Microbial Identification

● Pathogenic microorganisms

Salmonella spp., *Shigella* spp.,
Escherichia coli O157,
Proteus spp., *Providencia* spp.,
Yersinia enterocolitica, *Campylobacter jejunii*,
Pseudomonas spp., *Candida* spp.,
Klebsiella spp., *Serratia* spp.

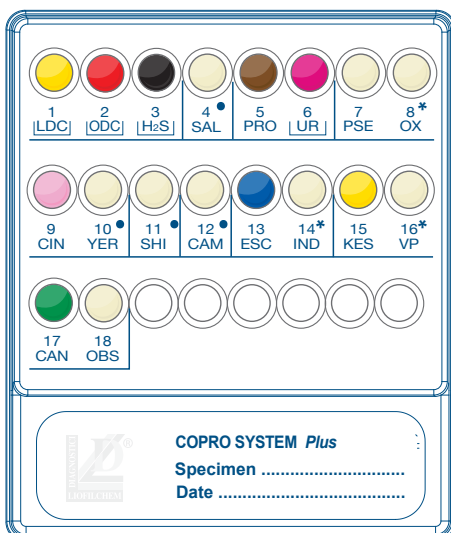
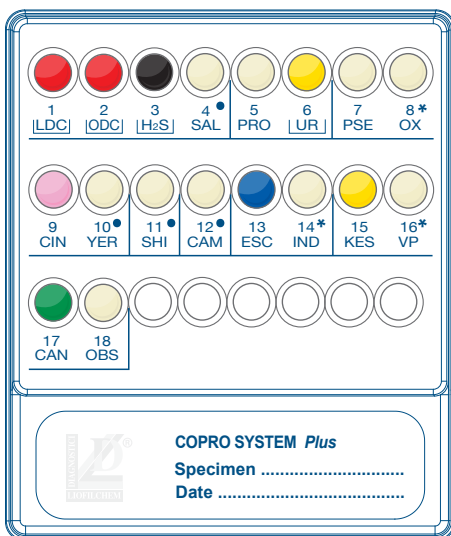
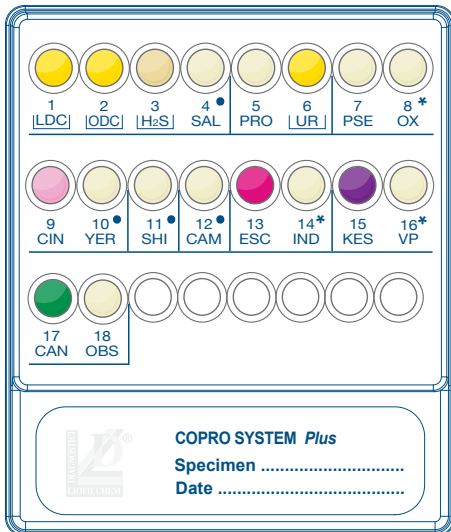
● Evaluating the Intestinal flora

Escherichia coli, *Enterobacter* spp.

☀ Benefits

- ✓ Direct inoculation of fecal specimen
- ✓ Complete diagnosis
- ✓ Easy procedure of use
- ✓ Results ready in 18-24 hours
- ✓ Confirmation with serum agglutination tests
- ✓ Evaluation of intestinal bacterial flora

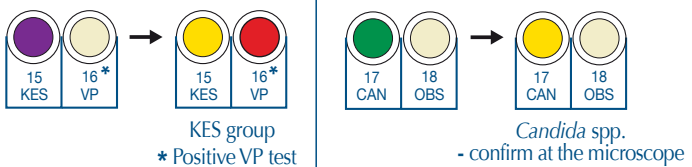
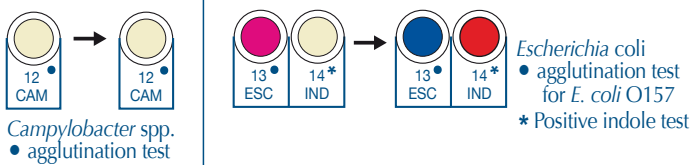
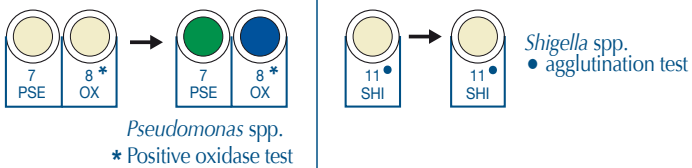
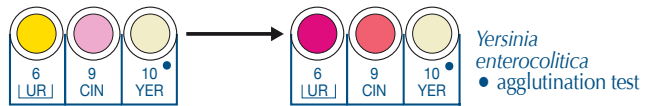
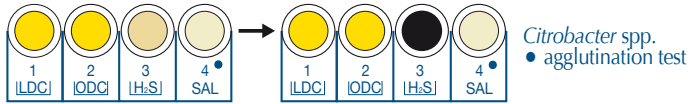
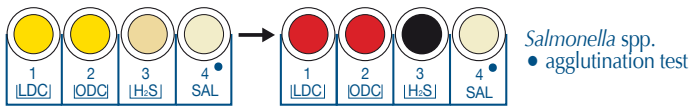
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COPRO SYSTEM Plus

RESULTS

Identification



| DESCRIPTION | PACKAGING | REF. |
|---------------------------|-----------|-------|
| COPRO SYSTEM Plus | 20 tests | 71675 |
| ENTEROSYSTEM 18R REAGENT | 100 tests | 80252 |
| OXIDASE TEST DISCS | 30 discs | 88004 |
| SALMONELLA LATEX KIT | 50 tests | 96151 |
| YERSINIA ENTER. ANTISERUM | 50 tests | 96147 |
| SHIGELLA ANTISERUM | 50 tests | 96148 |
| CAMPYLOBACTER LATEX KIT | 50 tests | 96143 |
| E. COLI O157 LATEX KIT | 50 tests | 96150 |

TEST PROCEDURE

1

- Carefully homogenize 1g feces in a tube containing 5mL of Physiological Solution.
- Transfer 0.2 mL of homogenized sample into a vial of Physiological Solution.

2

- Transfer 0.2 mL of the sample suspension into each well of the system.
- Cover the wells 1-LDC, 2- ODC, 3-H₂S, 6-UR with one drop of vaseline oil and incubate at 36±1°C for 18-24 hours.

3

- Perform the serum agglutination test for confirming the presence of *Salmonella* spp., *Yersinia enteroc.*, *Shigella* spp., *Campylobacter jejunii* and *E.coli* O157.

4

- Perform the oxidase test by adding one OXIDASE TEST DISC into the well 8-OX for confirming *Pseudomonas* spp.

5

- Add the Kovac's Reagent to the well 14-IND and the VP Reagent to the well 16-VP for confirming the relevant ID.

6

- Confirm *Candida* spp. by taking a drop from the positive well 18-OBS and watch for spores at the microscope (400x).
- Note down the test results on the form provided in the kit.