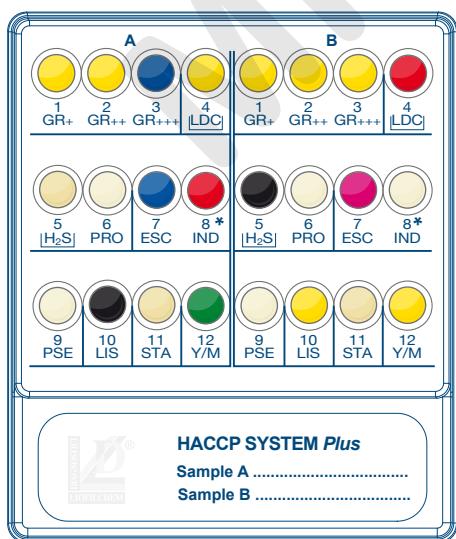
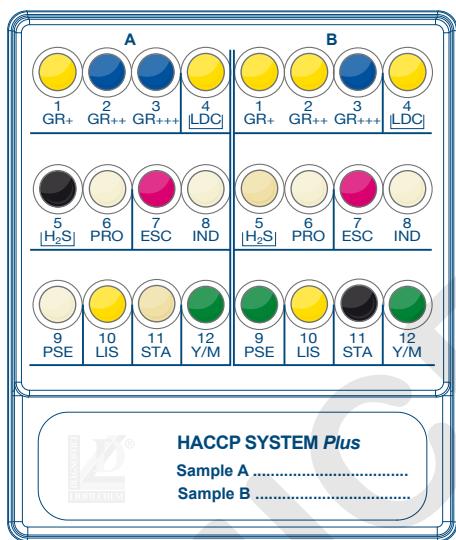
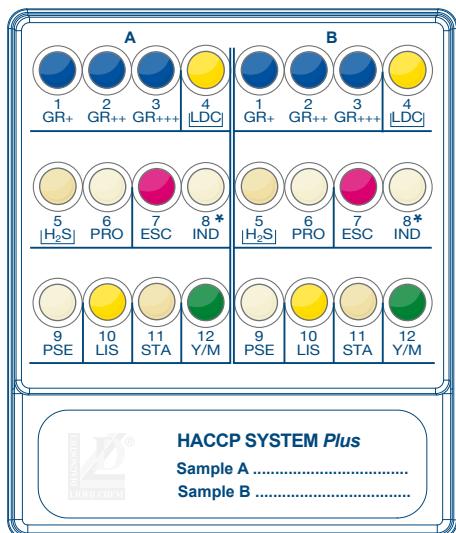


HACCP SYSTEM Plus

Total bacterial count and direct Identification of the main pathogenic microorganisms from Surfaces

Liofilchem® and the Liofilchem company logo are registered trademarks of LIOFILCHEM s.r.l.



★ Bacterial count

- Low microbial contamination (4-50 CFU/cm²)
- Moderate microbial contamination (50-500 CFU/cm²)
- High microbial contamination (>500 CFU/cm²)

★ Microbial Identification

Salmonella spp.

Citrobacter spp.

Proteus spp./*Providencia* spp.

Escherichia coli

Pseudomonas spp.

Listeria spp.

Staphylococcus aureus

Yeasts and Moulds

★ Benefits

- ✓ Direct inoculation from surface samples
- ✓ Conveniently designed for two tests
- ✓ Results ready in 18-24 hours
- ✓ Clear and well defined color changes
- ✓ Easy interpretation

HACCP SYSTEM Plus

Liofilchem® and the Liofilchem company logo are registered trademarks of LIOFILCHEM s.r.l.

Results

Bacterial Count

Low contamination Moderate contamination High contamination

Identification

Salmonella spp.
• positive agglutination test

Citrobacter spp.
• negative agglutination test

Proteus spp. Providencia spp.

Escherichia coli
• positive indole test

Pseudomonas spp.
• positive oxidase test

Listeria spp.
• culture medium confirmation

Staphylococcus aureus
• positive agglutination test

Yeasts and Moulds
- confirm at the microscope

DESCRIPTION	PACKAGING	REF.
HACCP SYSTEM Plus	40 tests	71655
KOVAC'S - REAGENT	4X25 mL	80271
OXIDASE TEST STICK	50 sticks	88029
VASELINE OIL	4X50 mL	80279

Test Procedure

1

Define a surface area of 10x10 cm and streak it several times with a swab.

2

After collection, immerse the swab in the vial of Inoculum Solution and wait 5 minutes.

Distribute 0.2 mL of the sample suspension into each well of the system.

3

Cover the well 4-LDC and 5-H₂S with one drop of vaseline oil and incubate at 36±1°C for 18-24 hours.

4

Add 2 drops of Kovac's Reagent to the well 8-IND for confirming the relevant ID.

5

Confirm Yeasts and Moulds by taking a drop from the well 12-Y/M and watch for spores at the microscope (400x).

6

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