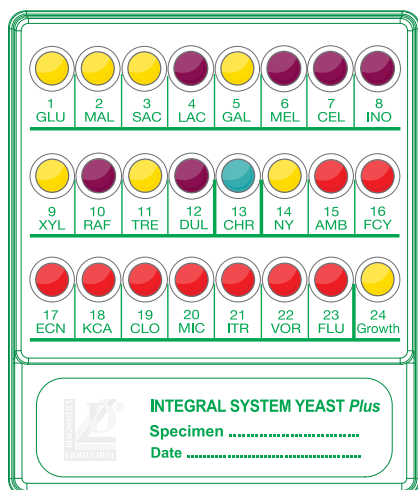


INTEGRAL SYSTEM YEASTS *Plus*

Identification and Antifungal Susceptibility Testing of the main pathogenic yeasts from Clinical Specimen

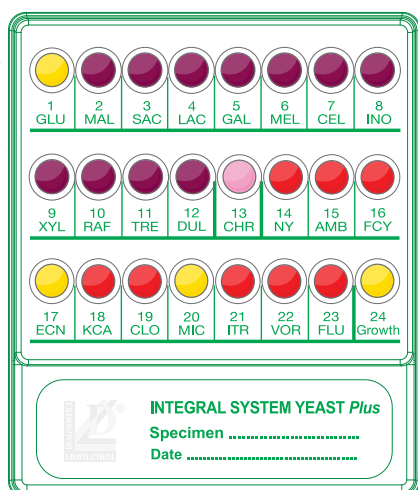
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✱ Yeast Identification

12 sugar assimilation tests
1 new chromogenic test

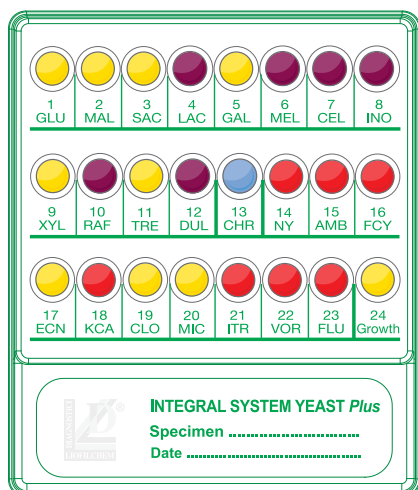
Candida albicans, *Candida krusei*,
Candida tropicalis, *Candida glabrata*,
Candida parapsilosis, *Candida dubliniensis*,
Candida kefyr, *Candida lusitanae*,
Candida guilliermondii, *Candida stellatoidea*,
Cryptococcus neoformans, *Cryptococcus albidus*,
Cryptococcus laurentii, *Rhodotorula glutinis*,
Saccharomyces cerevisiae, *Geotrichum candidum*



✱ Antifungal Susceptibility Testing

10 standardized antifungal agents

Nystatin, Amphotericin B, Flucytosine,
Econazole, Ketoconazole, Clotrimazole,
Miconazole, Itraconazole, Voriconazole, Fluconazole



✱ Benefits

- ✓ Complete diagnosis
- ✓ Cost effective
- ✓ Results in 48 hours
- ✓ Clear and well defined color change
- ✓ Easy interpretation
- ✓ Automatic reading available



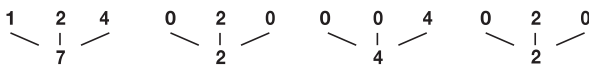
www.liofilchem.net

INTEGRAL SYSTEM YEASTS *Plus*

RESULTS

Identification

| | | | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|
| 1 GLU | 2 MAL | 3 SAC | 4 LAC | 5 GAL | 6 MEL | 7 CEL | 8 INO | 9 XIL | 10 RAF | 11 TRE | 12 DUL |
| + | + | + | - | + | - | - | - | + | - | + | - |

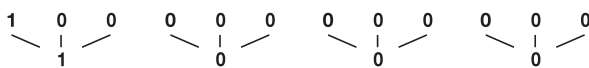


chromogenic test

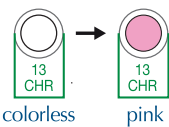


ID code: 7242
Candida albicans

| | | | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|
| 1 GLU | 2 MAL | 3 SAC | 4 LAC | 5 GAL | 6 MEL | 7 CEL | 8 INO | 9 XIL | 10 RAF | 11 TRE | 12 DUL |
| + | - | - | - | - | - | - | - | - | - | - | - |

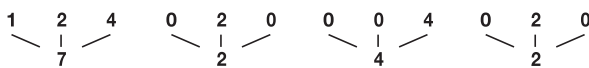


chromogenic test

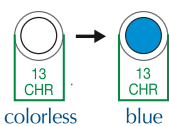


ID code: 1000
Candida krusei

| | | | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|
| 1 GLU | 2 MAL | 3 SAC | 4 LAC | 5 GAL | 6 MEL | 7 CEL | 8 INO | 9 XIL | 10 RAF | 11 TRE | 12 DUL |
| + | + | + | - | + | - | - | - | + | - | + | - |



chromogenic test



ID code: 7242
Candida tropicalis

Antifungal Susceptibility Testing



| DESCRIPTION | PACKAGING | REF. |
|---|-----------|-------|
| INTEGRAL SYSTEM YEASTS Plus | 20 tests | 71822 |
| VASELINE OIL | 4X50 mL | 80279 |
| Mc Farland 0.5 Barium sulphate standard | 1X5 mL | 80400 |

TEST PROCEDURE



- 1**
- Take with a sterile loop one or more isolated colonies on a selective culture medium.



- 2**
- Suspend the colony into the vial of Physiological Solution (**Suspension A**). The Suspension A must have 0.5 McFarland turbidity.



- 3**
- Transfer 20 µL of **Suspension A** into the vial of Physiological Solution. (**Suspension B**)
 - Add 1 xylose disc into the 9-XYL well.



- 4**
- Dispense 0.2 mL of **Suspension A** into the wells 1 to 13. (**Identification Testing**)
 - Dispense 0.2 mL of **Suspension B** into the wells 14 to 24. (**Antifungal Susceptibility Testing**)



- 5**
- Cover all wells of the system with one drop of vaselin oil except well 13-CHR and incubate at 36±1°C for 48 hours.



- 6**
- Note down the test results on the form provided in the kit, or read and interpret with **automatic readers**.