

# CHROMAGAR CANDIDA

## INSTRUCTION FOR USE READY-TO-USE PLATED MEDIA

Ref: 1400

### For professional use

- Description:** chromogenic differential medium for the isolation and presumptive identification of some clinically important yeast species.
- Formula / Liter:**

Peptone	10,2 g
Chloramphenicol	0,5 g
Chromogenic mix	22,0 g
Agar	15,0 g
- pH:** 6,1 ± 0,2 at 25°C.
- Sample:** clinical specimens (throat swabs, vaginal swabs), where *Candida* spp. may occur.
- Test procedure:** streak the specimen for isolation onto the surface of the medium. If the specimen is cultured from a swab, roll the swab gently over a small area of the surface at the edge, then streak from this area with a loop. Incubate plates aerobically at 30-37°C for 24-48 hours in an inverted position. An incubation time of 42 hours is required for full color development of *Candida* colonies. Minimize exposure to light both before and during incubation. Occasional isolates, such as *Cryptococcus neoformans* and filamentous fungi, will require a longer incubation time and possibly a lower incubation temperature for optimal growth. Therefore, a plate with a second fungal medium, **Sabouraud Agar with Gentamicin and Chloramphenicol ref: 1232** should be inoculated and incubated at 20 to 25°C if fungi other than *Candida* species are expected.
- Results:** after proper incubation, read plates against a white background. Plates from specimens containing yeasts will show growth. Depending on the yeast species, colonies will appear light to medium green (*C. albicans*), light mauve to mauve flat colonies with a whitish border (*C. krusei*), or dark blue to metallic blue (*C. tropicalis*). Colonies that appear light to dark mauve or appear in their natural cream color should be identified using standard methods. Identification is presumptive for these three species, confirmatory tests are recommended.
- Quality control:** perform quality control according to the use of the strains below.

Microorganism:	Appearance of colony:	Surface/edge	Selectivity:
<i>Candida albicans</i> ATCC 10231 (WDCM 00054)	green / turquoise	shiny/smooth	n.a
<i>Candida tropicalis</i> ATCC 201380	metallic, blue	shiny/glossy/smooth	n.a
<i>Candida krusei</i> ATCC 14243	light pink, fuzzy	rough, /irregular	n.a
<i>Candida glabrata</i> ATCC 64677	pink/light red	smooth/ shiny/smooth	n.a
<i>Enterococcus faecalis</i> ATCC 29212 (WDCM 00087)	—	—	no growth
<i>Pseudomonas aeruginosa</i> ATCC27853 (WDCM 00025)	—	—	no growth

- Limitations:** definite identification requires additional testing.
- Disposal of waste:** after use, all plates and any other contaminated materials must be sterilized or disposed of by appropriate internal procedures and in accordance with local legislations. Plates can be destroyed by autoclaving at 121°C for at least 20 minutes.
- Storage:** ready to use plates should be stored at 6 – 12°C in the dark.
- Packaging:** 1x10 pcs.
- Expiry date:** 3 months.
- References:** available on request.



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