Sabouraud + Chloramphenicol + Gentamicin/Agar

356-3774
355-6594

DEFINITION
Sabouraud agar with the addition of Chloramphenicol and Gentamicin is recommended for the isolation of all species of yeast and other fungi from contaminated specimens.

PRINCIPLE
The presence of nutrient substances provided by peptone and glucose favor the growth of yeasts and moulds.
Gentamicin and Chloramphenicol inhibit most bacteria.

PRESENTATION
- **Pre-poured**
  90 mm x 20 plates **code 356-3774**

- **Ready-to-use**
  8 ml x 25 tubes (slanted) **code 355-6594**

THEORETICAL FORMULA

Peptone	10 g
Glucose	20 g
Chloramphenicol	0.5 g
Gentamicin	0.04 g
Agar	12 g
Distilled water	1,000 ml

Final pH (25℃) = 5.8 ± 0.2

STORAGE
- Pre-poured: + 2℃ to 20℃
- Ready-to-use: + 2℃ to 25℃
- Expiration date and batch number are shown on the package.

EQUIPMENT REQUIRED (NOT SUPPLIED) (non-exhaustive)
- Sterile pipettes (0.1 ml, etc)
- Sterile Pasteur pipettes or inoculating loop
- Sterile spreaders
- Thermostatically-controlled incubator or incubation room, precise to ± 1℃
- All usual laboratory equipment.

PROTOCOL
Inoculation and incubation
Transfer 0.1 ml of sample to be analyzed or its decimal dilutions to a dish of Sabouraud + Chloramphenicol + Gentamicine medium.
Spread and leave to dry. Incubate at 32℃ for 3-7 days.

READING AND INTERPRETATION
Enumerate the yeasts and molds separatly and identify them by means of conventional tests and the Auxacolor® scatter.

PRECAUTIONS
Comply with Good Laboratory Practice.

PERFORMANCES / QUALITY CONTROL OF THE TEST
The growth performances of the media are verified with the following strains:

STRAINS	Performance after 24-48H at 30℃-35℃
Candida albicans ATCC 26790	Good growth, white
Candida tropicalis ATCC 750	Good growth, white
Candida glabrata	Good growth, white

STRAINS	Performance after 24-48H at 35℃-38℃
Staphylococcus aureus ATCC 25923	Inhibition
Pseudomonas aeruginosa ATCC 27853	Inhibition

QUALITY CONTROL OF MANUFACTURER
Every product manufactured and marketed by Bio-Rad is subject to a quality-assurance procedure at all stages, from the reception of raw materials to the marketing of the end-product. Each batch of finished product undergoes quality control and is marketed only if it satisfies the acceptability criteria.

Documentation relative to the production and control of each batch is kept on file.

KEY WORDS
Sabouraud + Chloramphenicol + Gentamicin / Yeasts / Moulds / Isolation / Glucose / Medium.

Bio-Rad, 3 boulevard Raymond Poincaré • 92430 Marnes-la-Coquette
Tel. : +33 (0)1 47 95 60 00 • Fax : +33 (0)1 47 41 91 33
www.foodscience.bio-rad.fr