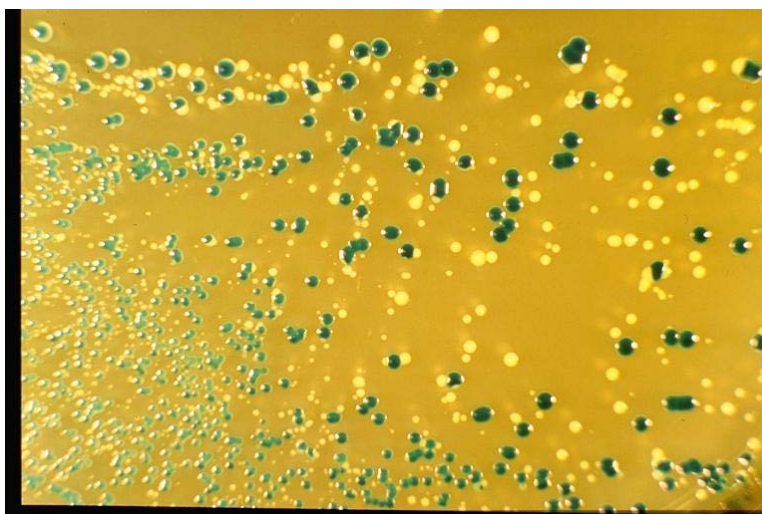


CHROMALBICANS AGAR
Selective and chromogenic medium for
isolation and identification of *Candida albicans*



Chromalbicans Agar: *Candida albicans* (blue colonies) and *Candida tropicalis* (colourless colonies)

TYPICAL FORMULA (G/LT)

Growth Factors	18.5
Chloramphenicol	0.05
Gentamicin	0.1
Tryptone	20
Glucose	1
Agar	13
Chromogenic Substrate	0.1

DIRECTIONS FOR POWDERED MEDIUM

Suspend 52.75 in 1000ml of cold distilled water. Bring to the boil to dissolve completely. Sterilise by autoclaving at 115°C for 15 minutes. Cool to 50°C and distribute into sterile Petri dishes.
Final pH 6.0 ± 0.2

DESCRIPTION

Chromalbicans Agar is a selective and differential medium for the isolation of *Candida* spp. and the immediate identification of *C. albicans*. The selectivity of the medium is obtained by the presence of chloramphenicol and gentamicin. The differentiation is obtained by the presence of a chromogenic substrate in the medium to detect a specific enzymatic activity (β -glucosaminidase) of *C. albicans*.

TECHNIQUE

The medium can be used according to usual laboratory techniques. *C. albicans* grows with blue or green-blue colonies after incubation at 37°C for 24 - 48 hours. Other species of the *Candida* genus grow with colourless colonies

User quality assurance (25°C-72 h)

Productivity Control

C. albicans ATCC 18804: growth, green-blue colonies

Selectivity control

E. coli ATCC 25922: inhibited

STORAGE

Dehydrated medium: 2-8°C

Ready to use plates: 2-8°C

User prepared plates: up to 7days at 2-8°C

PACKAGING**408000** Chromalbicans Agar 100 g (1.9 l) - 500 g (9.5 l)**548000** Chromalbicans Agar 20 ready to use plates