

Color Candida



Medium used for the isolation and cultivation of *Candida* spp.

• CONTENTS (Liter)

Peptone	8.48 g
Chloramphenicol	0.5 g
Chromogenic mixture	0.4 g
Agar	15.0 g
Final pH = 6.1 ± 0.2 at 25°C	

• PROCEDURE

Suspend 24.38 G of powder in 1 L of distilled or deionized water. Heat to boiling until completely dissolved. DO NOT AUTOCLAVE. Cool to 45 - 50°C in water bath. Pour into petri dishes.

• INTERPRETATION

Color Candida is used for the isolation and cultivation of *Candida* spp. Peptone provides nitrogen, amino acids, carbon, vitamins in the medium. Chloramphenicol is a selective agent, inhibiting other microorganisms. The chromogenic mixture allows the identification and differentiation of *Candida* spp. by producing easy-to-read results in one plate. Agar is the solidifying agent.

• TECHNIC

Inoculate the plates with spreading the specimen on surface of medium using a sterile loop. Incubate at 35 ± 2°C for 36 - 48 hours. Observe the growth and color of the colonies.

• QUALITY CONTROL FOR USE

Dehydrated medium

Appearance: free-flowing, homogeneous

Color: beige

Prepared medium

Appearance: clear to slightly opalescent

Color: amber

Incubation conditions: 35 ± 2°C / 36 - 48 hours

Microorganism	ATCC	Growth	Characteristics
<i>Candida albicans</i>	10231	good	green to blue colony
<i>Candida tropicalis</i>	750	good	pink to purple colony
<i>Candida krusei</i>	32196	good	fuzzy pink colony
<i>Staphylococcus aureus</i>	6538	inhibited	
<i>Escherichia coli</i>	25922	inhibited	

• STORE

The powder is very hygroscopic. Store the powder at room temperature, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident. Store prepared medium at 2 - 8°C.

• REFERENCES

1. Skirrow, M.D. 1977 *Campylobacter enteritidis*: A New Disease. *Br. Med. J.* 2:9-11.
2. Karmali, M.A., A.E. Simor, M. Roscoe. (1986). *J. Clin. Microb.* 23: 456-459.
3. Association of Official Analytical Chemists. 1995. *Bacteriological analytical manual*, 8th Ed.

• PACKAGE

Cat. No : MB-C1612 Color Candida	500 G
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