

MM0229

Candida Agar

Use and description:

This medium is used for isolating and differentiating *Candida albicans*. This medium is rich in nutrition which supports the growth of yeasts and moulds. *Candida Agar* is differential for *C. albicans* with anilin blue which is a fluorescent indicator which can be detected easily.

Composition per liter:

Yeast Extract	3.0 g
Malt Extract	3.0 g
Peptones	5.0 g
D-glucose anhydrous	10.0 g
Anilin blue	0.1 g
Agar	20.0 g

Final pH of the ready to use medium at 25C : 6.2 ± 0.2

Medium preparation:

Add 41.1 grams into 1.0 liter of distilled water. Dissolve the medium completely with heat and stirring.

Autoclave for 15 min at 121°C.

Quality specifications:

Dehydrated medium: pinkish to light yellow fine powder.

Ready to use medium: bluish green clear or opalescent solution.

Microbiological response at 25-30C for 24-48 hours :

Organism	Result / Recovery/ Fluorescence
<i>Bacillus subtilis</i> ATCC 66332	Growth lux / 70% / - no fluoresc.
<i>Candida albicans</i> ATCC 10231	Growth lux / 70% / + yellow green
<i>Candida krusei</i> ATCC 24408	Growth lux / 70% / variable
<i>Escherichia coli</i> ATCC 8739	lux / 70% / -

Storage:

Dehydrated medium should be stored between 10 to 25°C. Once opened, place the container in a dark, dry place. The dehydrated medium should not be used if there is any lump or if the color has changed from the original.