BacterLab Division

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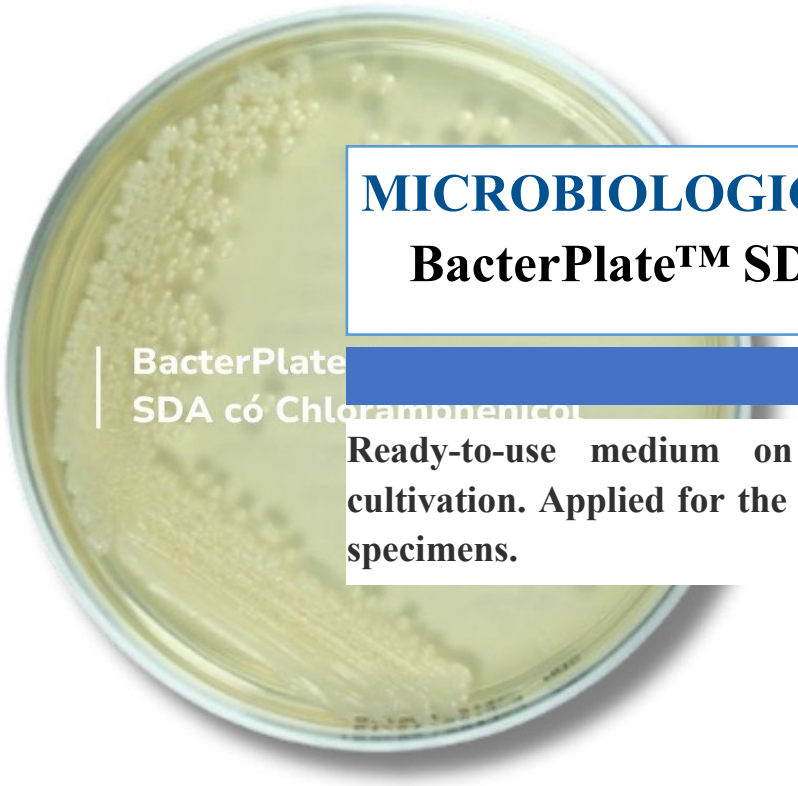

MICROBIOLOGICAL CULTURE MEDIUM

BacterPlate™ SDA with Chloramphenicol

BacterPlate
SDA có Chloramphenicol

Ready-to-use medium on 90mm plates for selective fungal cultivation. Applied for the selective isolation of fungi from clinical specimens.

Code: 05028

1. INTENDED USE

BacterPlate™ SDA with Chloramphenicol is recommended for the isolation of yeasts and molds, especially when the samples are highly contaminated with bacteria.

The packaging with semi-permeable Cellophane film helps balance the humidity of the environment during storage.

2. PRINCIPLES

Peptic digest of Meat is the nitrogen source for growth. Glucose is an energy source.

Chloramphenicol is a heat-stable, broad spectrum antibiotic which inhibits the development of contaminating microflora.

The acid pH favors the growth of yeasts and molds.

3. TYPICAL COMPOSITION

For 1 liter of medium

Mycological peptone	10,0 g
Glucose	40,0 g
Pancreatic digest of casein	5,0 g
Chloramphenicol	0,008 g
Agar	15,0 g

pH of the ready-to-use medium at 25°C: 5,6 ± 0,2

4. PREPARATION

The environmental plates are ready-to-use, no preparation required.

5. INSTRUCTIONS FOR USE

- Allow the agar plates to reach room temperature. Dry the plates in an incubator by slightly opening the lid.
- Inoculate test samples from the enrichment medium onto the surface of the agar plates.
- Incubate the inoculated plates under aerobic conditions at 25 – 30°C for 72 – 96 hours.

6. RESULTS

Separately enumerate yeast colonies and molds

7. QUALITY CONTROL

BacterLab ensures the quality of each product batch by testing with ATCC reference strains.

Reference Strains	Incubation Conditions	Expected results
C. albicans ATCC 10231	30°C, 3 – 5 days	≥ 50 %
A. brasiliensis ATCC 16404		≥ 50 %
S. cerevisiae ATCC 20827		≥ 50 %
E. coli ATCC 35218		Inhibited

8. STORAGE AND TRANSPORT CONDITIONS

- Storage: 2 – 8°C.
- Transportation: Ambient temperature.

9. PACKAGING

- Packaging: 10 plates/ box or as per customer request.

10. SHELF LIFE

- Expiration Date: 4 months from the manufacturing date.

11. BIBLIOGRAPHY

- Solabia Group. *Sabouraud Chloramphenicol Agar*. Biokar Diagnostics. Available at:https://www.solabia.com/biokar-diagnostics/product/sabouraud-Chloramphenicol-agar/?documentation=1983&_wpnonce=66fae9dbeb.