

PRODUCT INFORMATION



ALPHA[™]
BIOSCIENCES

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Pseudomonas Cepacia Agar

Cat. No. P16-111

DESCRIPTION

Selective agar medium used for the isolation of *Burkholderia cepacia* (formerly *Pseudomonas cepacia*) from clinical and environmental materials.

PREPARATION

Mix 30 grams of the medium in a Liter of purified water until evenly dispersed. Heat with repeated stirring and boil for one minute to dissolve completely. Distribute and autoclave at 121.0°C for 15 minutes. Cool to 45- 50°C and add 10 ml of a filtered-sterilized solution containing Ticarcillin (100 mg) and Polymixin B (300,000 units).

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing and light beige.
2. Visually the prepared medium is clear to trace hazy and peach in color.
3. Expected cultural response after 18-48 hours at 35.0°C.

Organism:

Escherichia coli ATCC® 10145
Burkholderia cepacia® ATCC 25416
Pseudomonas aeruginosa® ATCC 27853

Result:

Inhibited
Growth, pink colonies
Inhibited

STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.

Formula* per Liter:

Peptic Digest of Animal Tissue	1.0g
Bile Extract	1.5g
Ferrous Ammonium Sulfate	0.01g
Dipotassium Phosphate.....	4.3g
Phenol Red.....	0.2g
Agar	15.0g
Sodium Pyruvate.....	5.0g
Ammonium Sulfate.....	1.0g
Magnesium Sulfate	0.2g
Monopotassium Phosphate	2.1g
Crystal Violet.....	0.001g

Final pH: 7.1 ± 0.2 at 25°C

* Grams per liter may be adjusted or formula supplemented to obtain desired performance.