BD BBL™ Prepared Plated Media

D/E Neutralizing Agar

L010102
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INTENDED USE

This prepared medium is for the neutralization of antimicrobial chemicals and enumeration of microorganisms.

SUMMARY AND EXPLANATION

Prepared plated media are for the isolation and growth of microorganisms from non-clinical samples by a variety of procedures.[1-4]

PRINCIPLES OF THE PROCEDURE

A wide variety of media have been formulated to neutralize antimicrobial chemicals and satisfy the various nutritional requirements of microorganisms. The function of many media have been elucidated.[5]

REAGENTS

D/E Neutralizing Agar

Approximate Formula* Per Liter Purified Water

Pancreatic Digest of Casein	5.0 g
Yeast Extract	2.5 g
Polysorbate 80	5.0 g
Sodium Thiosulfate	6.0 g
Sodium Thioglycollate	1.0 g
Sodium Bisulfite	2.5 g
Bromcresol Purple	0.02 g
Dextrose	10.0 g
Lecithin	7.0 g
Agar	20.5 g
Dipotassium Phosphate	3.3 g
Monopotassium Phosphate	0.1 g

*Adjusted and /or supplemented as required to meet performance criteria.

Warnings and Precautions: For Laboratory Use

If excessive moisture is observed in the 100 mm plate, invert the bottom over an off-set lid and allow to air dry in order to prevent formation of a seal between the top and bottom of the plate during incubation.

Observe established procedures against microbiological hazards throughout all procedures. Prior to discarding, sterilize specimen containers and other contaminated materials by autoclaving.

Storage Instructions: On receipt, store plates at 2 to 8°C. Avoid freezing and overheating. Do not open until ready to use. Minimize exposure to light. Prepared plates stored in their original sleeve wrapping at 2 to 8°C until just prior to use may be inoculated up to the expiration date and incubated for recommended incubation times. Allow the medium to come to room temperature before inoculation.

Product Deterioration: Do not use plates if they show evidence of microbial contamination, discoloration, drying, cracking or other signs of deterioration.

PROCEDURE

Material Provided: D/E Neutralizing Agar

Materials Required But Not Provided: Ancillary culture media, reagents, quality control organisms and other laboratory equipment as required.

Test Procedure: Observe aseptic techniques.

Incubate the 100 mm **Stacker™** plates in an inverted position (agar-side up) under conditions of temperature, humidity, time and atmosphere appropriate for the organisms being cultured.

User Quality Control:

1. Examine plates for signs of deterioration as described under "Product Deterioration."
2. Check performance by inoculating a representative sample of plates with pure cultures of stable control organisms that give known desired reactions. The following test strains are recommended:

TEST STRAIN	EXPECTED RESULTS
Pseudomonas aeruginosa ATCC™ 10145	Growth
Staphylococcus aureus ATCC 25923	Growth

RESULTS

Isolated colonies should give results consistent with those of the quality control strains.

LIMITATIONS OF THE PROCEDURE

Consult appropriate references for detailed information and recommended procedures for the identification of isolates.[1-4,6]

AVAILABILITY

Cat. No.	Description
299969	**BBL™** D/E Neutralizing Agar, Ctn. of 100 **Stacker™** plates

REFERENCES

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