

Rev From	Rev To	ECO #	Date	Appr.
0699	1103	2413-03		

**Notes:**

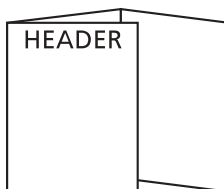
- BD Cat. No. 232681
- Blank (Sheet) Size : Length:                      Width:  
 Number of Pages: 2                      Number of Sheets: 1  
 Page Size: Length 8.25"    Width 3.625"                      Final Folded Size: 2.75" x 3.625"
- Style (see illustrations below): 1



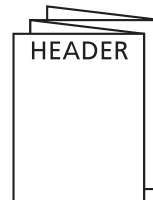
#1



#2



#3

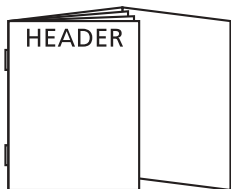


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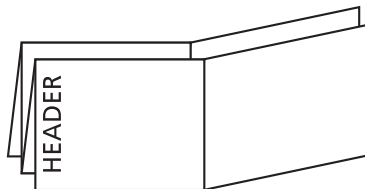
#5




#6



#7



- See Specification Control No. NA                      for Material Information
- Ink Colors: Printed two sides     Yes     No  
 No. of Colors: 1                      PMS #2755 Blue
- Graphics are approved by Becton, Dickinson and Company. Supplier has the responsibility for using the most current approved revision level.

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Proofer	Date			
Checked By	Date			
Part Number: S1341JAA		Category and Description Package Insert Difco Antimicrobial Vial P	Sheet: 1 of 3 <hr/> Scale: 1 : 1	<b>A</b>


**BD Difco™ Antimicrobial Vial P**
S1341JAA  
2003/11

See symbol glossary at end of insert. / Se symbolglossaret i slutningen af indlægssedlen. / Voir le glossaire des symboles à la fin de la notice. / Siehe Symbol-Erklärungen am Ende der Packungsbeilage. / Δείτε το γλωσσάριο των συμβόλων στο τέλος του ένθετου. / Vedere il glossario dei simboli alla fine del foglio illustrativo. / Consulte o glossário de símbolos no fim do folheto informativo. / Consulte el glosario de símbolos al final del prospecto. / Se symbolförteckningen vid slutet av bipacksedeln.

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**INTENDED USE**

**Difco™** Antimicrobial Vial P, containing polymyxin B, is used for the preparation of selective microbiological culture media.

**SUMMARY AND EXPLANATION**

**Difco** Antimicrobial Vial P is used to supplement SFP Agar Base<sup>1</sup> containing Egg Yolk Enrichment 50% and **Difco** Antimicrobial Vial K for the detection and enumeration of *Clostridium perfringens* in foods. **Difco** Antimicrobial Vial P is also used with **Difco** MYP Agar with Egg Yolk Enrichment 50% for enumerating *Bacillus cereus* in foods.<sup>2</sup>

**PRINCIPLES OF THE PROCEDURE**

**Difco** Antimicrobial Vial P contains polymyxin B, which inhibits the growth of bacteria by increasing cell permeability and disrupting osmotic integrity.<sup>3</sup>

**REAGENTS****Difco™ Antimicrobial Vial P**

Approximate Formula\* per 10 mL Vial  
30,000 units Polymyxin B

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

**Warnings and Precautions:**

For Laboratory Use.

**Storage Instructions:** On receipt, store vials at 2-8°C.

**Product Deterioration:** Do not use if product fails to meet "Identity Specifications."

**PROCEDURE**

**Materials Provided:** **Difco** Antimicrobial Vial P.

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

**Directions for Preparation:** Observe aseptic techniques.

**For Use in SFP Agar Base**

1. To rehydrate, aseptically add 10 mL sterile purified water per vial.
2. Rotate in an end-over-end motion to dissolve the contents completely.
3. Add 10 mL to each liter of molten autoclaved SFP Agar Base.

**For Use in MYP Agar**

1. To rehydrate, aseptically add 5 mL sterile purified water (to achieve the desired concentration for MYP Agar).
2. Rotate in an end-over-end motion to dissolve the contents completely.
3. Add 4.1 mL to 225 mL of molten autoclaved MYP Agar Base.

**USER QUALITY CONTROL****Difco™ Antimicrobial Vial P****Identity Specifications:**

Dehydrated Appearance: White cake or powder.

Rehydrated Appearance: Colorless, clear solution.

**Cultural Response:**

Prepare the base layer and cover layer of **Difco** SFP Agar per label directions, inoculating the base layer. Incubate at 35 ± 2°C under anaerobic conditions for 18-48 h.

ORGANISM	ATCC™	INOCULUM CFU	RECOVERY	COLONY COLOR
<i>Clostridium perfringens</i>	12919	30-300	Good	Black with a zone of precipitation (halo)
<i>Clostridium perfringens</i>	12924	30-300	Good	Black with a zone of precipitation (halo)

**RESULTS**

When used to supplement a basal medium, the complete medium should meet specific product expectations.

**AVAILABILITY**

Cat. No.	Description
232681	<b>Difco™</b> Antimicrobial Vial P, 6 x 10 mL.
281110	<b>Difco™</b> SFP Agar Base, 500 g.
233391	<b>Difco™</b> Antimicrobial Vial K, 6 x 10 mL vials.
233471	<b>Difco™</b> Egg Yolk Enrichment 50%, 12 x 10 mL bottles.
233472	<b>Difco™</b> Egg Yolk Enrichment 50%, 6 x 100 mL bottles.
281010	<b>Difco™</b> MYP Agar, 500 g.

**REFERENCES**

- Shahidi, S.A., and A.R. Ferguson. 1971. New quantitative, qualitative, and confirmatory media for rapid analysis of food for *Clostridium perfringens*. *Appl. Microbiol.* 27:500-506.
- Mossel, D.A.A., M.J. Koopman, and E. Jongerius. 1967. Enumeration of *Bacillus cereus* in foods. *Appl. Microbiol.* 15:650-653.
- Yao, J.D.C., and R.C. Moellering, Jr. 1999. Antibacterial agents, p. 1474-1504. In P.R. Murray, E.J. Baron, M.A. Pfaller, F.C. Tenover, and R.H. Tenover (ed.), *Manual of clinical microbiology*, 7th ed. American Society for Microbiology, Washington, D.C.

**REF** Catalog number / Katalognummer / Catalogusnummer / Tuotenumero / Numéro catalogue / Bestellnummer / Αριθμός καταλόγου / Numero di catalogo / Katalognummer / Número do catálogo / Número de catálogo / Katalognummer



Temperature limitation / Temperaturbegrensning / Temperaturlimit / Lämpötilarajoitus / Température limite / Zulässiger Temperaturbereich / Όριο θερμοκρασίας / Temperatura limite / Temperaturbegrensning / Limitação da temperatura / Limitación de temperatura / emperaturbegrensning



Use by / Anvendes før / Houdbaar tot / Viimeikäyttöpäivä / A utiliser avant / Verwendbar bis / Ημερομηνία λήξης / Usare entro / Brukes før / Utilizar em / Usar antes de / Använd före /

YYYY-MM-DD / YYYY-MM (MM = end of month) /  
 AAAA-MM-DD / AAAA-MM (MM = slutning af måned) /  
 JJJJ-MM-DD / JJJJ-MM (MM = einde maand) /  
 VVVV-KK-PP / VVVV-KK (kuukauden loppuun mennessä) /  
 AAAA-MM-JJ / AAAA-MM (MM = fin du mois) /  
 JJJJ-MM-TT / JJJJ-MM (MM = Monatsende) /  
 EEEE-MM-HH / EEEE-MM (MM = τέλος του μήνα) /  
 AAAA-MM-GG / AAAA-MM (MM = fine mese) /  
 AAAA-MM-DD / AAAA-MM (MM = slutten av månaden) /  
 AAAA-MM-DD / AAAA-MM (MM = fin del mes) /  
 aaaa-mm-dd / aaaa-mm (mm = fin del mes) /  
 AAAA-MM-DD / AAAA-MM (MM = sluted på månaden)

**LOT** Batch Code (Lot) / Batch kode (Lot) / Chargennummer (lot) / Eräkoodi (LOT) / Code de lot (Lot) / Chargencode (Chargenbezeichnung) / Κωδικός παρτίδας (Παρτίδα) / Codice del lotto (partita) / Batch-kode (Serie) / Código do lote (Lote) / Código de lote (Lote) / Satskod (part)



Consult instructions for Use / Læs brugsanvisningen / Raadpleeg gebruiksaanwijzing / Tarkista käyttöohjeita / Consulter la notice d'emploi / Gebrauchsanweisung beachten / Συμβουλευτείτε τις οδηγίες χρήσης / Consultare le istruzioni per l'uso / Se i brugsanvisningen / Consulte as instruções de utilização / Consultar las instrucciones de uso / Se brugsanvisningen

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