

Revisions


Rev from	Rev to	ECO #
0699	1103	2366-03

Notes:

- BD Cat. Number 227610, 227620
- Blank (Sheet) Size : Length: 5 3/4" Width: 3 3/4"
 Number of Pages: 2 Number of Sheets: 1
 Page Size: Length 5 3/4" Width 3 3/4" Final Folded Size: 3 3/4" x 2 7/8"
- Style (see illustrations below): # 1



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

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Part Number: S1460.1		Category and Description Package Insert Difco Supplement B	Sheet: 1 of 3 Scale: N/A	A

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 Supplement B with Reconstituting Fluid B is used for supplementing media to culture fastidious microorganisms, particularly *Neisseria gonorrhoeae* and *Haemophilus influenzae*.

SUMMARY AND EXPLANATION

Difco Supplement B is a yeast concentrate for use in supplementing media for growth of microorganisms with exacting nutritional requirements. It is recommended for use in the preparation of chocolate agar described by Christensen and Schoenlein.¹

PRINCIPLES OF THE PROCEDURE

The growth rate of *Neisseria* and *Haemophilus* is improved with the addition of 1% nutritive enrichment, providing the growth factors glutamine and cocarboxylase. Supplement B contains yeast concentrate, glutamine, coenzyme (V factor), cocarboxylase, hematin (X factor) and growth factors.

REAGENTS

Difco™ Supplement B with Reconstituting Fluid B

Approximate Formula* per Liter

Hematin Yeast Extract	1.0	L
L-Glutamine	3.0	g
Coenzyme	0.12	g
Cocarboxylase	40.0	mg
Dextrose	100.0	g

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

Warnings and Precautions:

For Laboratory Use.

Storage Instructions: On receipt, store at 2-8°C in the dark. Avoid freezing and overheating. Do not open until ready to use. Minimize exposure to light. Allow the reagent to warm to room temperature before use.

Product Deterioration: Do not use if product shows evidence of microbial contamination, evaporation, or other signs of deterioration.

PROCEDURE

Material Provided: Difco Supplement B

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

Test procedure: Observe aseptic techniques.

1. Aseptically rehydrate Supplement B with 10 mL or 100 mL of the Reconstituting Fluid.

2. Rotate the vial to dissolve completely.
3. Use rehydrated Supplement B to prepare Chocolate Agar, Thayer-Martin Agar or other enrichment media.

For a complete discussion on the isolation and identification of *Neisseria* and *Haemophilus* species, consult the procedures outlined in the references.²⁻⁴

User Quality Control

Add Difco Supplement B to an appropriate dehydrated medium (e.g., GC Agar Base) prepared according to label directions. Test samples of the complete medium for performance using stable, typical control organisms.

RESULTS


Refer to appropriate references and procedures for results.²⁻⁴


AVAILABILITY


Cat. No.	Description
227610	Difco™ Supplement B, Lyophilized, with Reconstituting Fluid, 6 x 10 mL
227620	Difco™ Supplement B, Lyophilized, with Reconstituting Fluid, 100 mL


REFERENCES


1. Christensen and Schoenlein. 1947. Annu. Meet. Calif. Public Health Assoc.
2. Isenberg (ed). 1992. Clinical microbiology procedures handbook, vol. 1. American Society for Microbiology, Washington, D.C.
3. Murray, Baron, Pfaller, Tenover and Tenover (ed.). 1999. Manual of clinical microbiology, 7th ed. American Society for Microbiology, Washington D.C.
4. Forbes, Sahm and Weissfeld. Bailey & Scott's diagnostic microbiology, 10th ed. Mosby, Inc., St. Louis, Mo.

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