

Selective supplement for the enrichment of BORDET GENGOU AGAR BASE medium for the isolation of *Bordetella* spp.

DESCRIPTION

BORDETELLA Supplement is a selective supplement for the isolation of *Bordetella pertussis* and other species of *Bordetella*, made of Cephalixin freeze-dried. BORDETELLA Supplement is used for the selective enrichment of Bordet Gengou Agar Base medium code 610006 or 620006.

KIT CONTENTS

Each kit contains:

- 10 bottles of freeze-dried BORDETELLA Supplement
- 1 Instruction sheet

PRINCIPLE OF THE METHOD

La Cephalixin is a cephalosporins is a broad-spectrum antibiotic, active against both Gram-positive bacteria and Gram-negative bacteria.

COMPOSITION

BORDETELLA Supplement		
	Contents / bottle	Contents / l of medium
Cephalixin	20.0 mg	40.0 mg

PROCEDURE FOR USE

1. Aseptically reconstitute the contents of one bottle of BORDETELLA Supplement with 5 ml of sterile distilled water. Shake until completely dissolved, avoiding foam formation.
2. Aseptically add the entire contents of one bottle (5 ml) to 500 ml of Bordet Gengou Agar Base medium code 610006-620006, autoclaved, cooled at 45-50 °C and with the addition of 15-20% of defibrinated ram's blood.
3. Mix with care.
4. Distribute into Petri dishes.

TECHNIQUE AND INTERPRETATION OF THE RESULTS

Refer to the technical documentation for Bordet Gengou Agar Base code 610006-620006.

QUALITY CONTROL

1. Control of the appearance: freeze-dried product, white colour.
2. Microbiological control.

Prepare the plates using Bordet Gengou Agar Base code 610006 or 620006 enriched with BORDETELLA Supplement (1 bottle in 500 ml of medium) and with 15% of defibrinated ram's blood. Plates are inoculated with the strains indicated in the microbiological control table.

Incubation conditions: 48 h at 36 ± 1 °C.

Microbiological control

Control strains		Growth
<i>Bordetella pertussis</i>	ATCC 8467	Good
<i>Bordetella parapertussis</i>	MDH 32472	Good
<i>Staphylococcus aureus</i>	ATCC 25923	Inhibited
<i>Escherichia coli</i>	ATCC 25922	Inhibited

PRECAUTIONS

The product BORDETELLA Supplement is classifiable as hazardous under current legislation; it is recommended that the Safety Data Sheet be consulted on its use.

BORDETELLA Supplement is a selective supplement to be used only for *in vitro* diagnostic use. It is intended for use in a professional environment and must be used in the laboratory by properly trained personnel, using approved asepsis and safety methods for handling pathogenic agents.


STORAGE

Store BORDETELLA Supplement at 2-8 °C in its original packaging. In such conditions BORDETELLA Supplement will remain valid until the expiry date indicated on the label. Do not use beyond that date. Eliminate without using if there are signs of deterioration.

REFERENCES

- Bordet, J., and D. Gengou. 1906. Le microbe de la coqueluche. Ann. Inst. Pasteur 20: 731.
- Isenberg, H.D. (ed.). 1992. Clinical microbiology procedures handbook, vol. 1. American Society of Microbiology, Washington, D.C.
- Regan J., and Lowe F. (1977) J. Clin. Microbiol. 6: 303-309.

PRESENTATION

Product	REF	
BORDETELLA Supplement	81013	10 bottles

One bottle is sufficient to prepare 500 ml of medium

TABLE OF SYMBOLS

IVD In Vitro Diagnostic Medical Device	 Do not reuse	 Manufacturer	 Contains sufficient for <n> tests	 Temperature limitation
REF Catalogue number	 Fragile, handle with care	 Use by	 Caution, consult accompanying documents	LOT Batch code



LIOFILCHEM Bacteriology Products

Via Scozia Zona Ind.le - 64026 Roseto D.A. (TE) - Italy

Tel. +390858930745 Fax +390858930330 Website: www.liofilchem.net E-Mail: liofilchem@liofilchem.net



Rev.0 / 06.04.2005