

## HAEMOPHILUS ANTIMICROBIC SUPPLEMENT

### INTENDED USE

Selective supplement for the isolation of *Haemophilus* spp. from clinical specimens.

### VIAL CONTENT (FOR 500 ML OF MEDIUM)

Bacitracin	10,000 IU
Vancomycin	2.5 mg
Clindamycin	0.5 mg

### DIRECTIONS

To the sterilised GC Medium Base REF 401520, cooled to 47-50°C, aseptically add 5-10% of defibrinated horse blood and heat in a water bath at 80°C for 15 minutes. Cool to 47-50°C and add, to 500 mL of medium, the content of one vial of Biovitex reconstituted with 5 ml of Restoring Fluid (ref. n° 4240009) and the contents of one vial of Haemophilus Selective Supplement reconstituted with 5 mL of sterile distilled water. Mix well and distribute into sterile plates.

Final pH 7.2 ± 0.2

### TEST PROCEDURE

Haemophilus Antimicrobial Supplement is intended for isolation of *Haemophilus* spp. from the upper respiratory tract and other non-sterile clinical specimens. Bacitracin suppresses the growth of most strains of streptococci, staphylococci, micrococci and *Neisseria*. Vancomycin is active against Gram positive bacteria, clindamycin suppresses the growth of aerobic Gram positive cocci, including some members of the *Staphylococcus* and *Streptococcus* genera.

Allow prepared plates to come to room temperature. The agar surface should be smooth and moist, but without excessive water. Process the specimen as soon as possible after it is received in the laboratory to avoid loss of gonococci viability and overgrowth of contaminants.

Roll the swab over one quadrant of the surface then streak the specimen over the other quadrants of the plate to obtain well isolated colonies, ensuring that sections 1 and 4 do not overlap.

incubate at 35-37°C in a moist atmosphere in the presence of 5 -10% CO<sub>2</sub> and record the results after 24 and 44-48 hours, to obtain satisfactory growth of *H.influenzae* and most other *Haemophilus* species. When specimens for *H.aegyptius* and *H.ducreyi* are cultured, incubation may be necessary for up to 5 days.<sup>15</sup> Further, when *H.ducreyi* is suspected in the specimen, plates should be incubated at 30-33°C in 5% CO<sub>2</sub> in a high-moisture environment.<sup>15</sup>

For a complete description of the procedure see the Instructions for Use of GC Medium base (REF 401520).

### STORAGE CONDITIONS AND SHELF LIFE

Upon receipt store at 2-8°C until the expiry date. Do not use beyond this date. Once opened and reconstituted, the vial content must be used immediately.

### PRECAUTIONS AND WARNINGS

- The supplement is a qualitative *in vitro* diagnostic, for professional use only; it is to be used by adequately trained and qualified laboratory personnel, observing approved biohazard precautions and aseptic techniques.
- The medium base and the supplements shall be used in association according to the described directions.
- Consult the Safety Data Sheets before use.

### PACKAGING

**4240010**                      **Haemophilus Antimicrobial Supplement**  
**10 vials, each for 500 ml of medium**

