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GC (VCNT)
MAST® SELECTAVIAL

SV6 Series

Intended Use
For the transport and selective isolation of pathogenic neisseriae.

FOR IN VITRO DIAGNOSTIC USE ONLY

Contents
10 vials of MAST® SELECTAVIAL.

Formulation

Material:	Concentration in medium:
Vancomycin	3mg/L
Colistin sulphate	7.5mg/L
Nystatin	12,500units/L
Trimethoprim lactate	5mg/L

Storage and shelf life
Store unopened at 2 to 8°C until expiry date shown on pack label. Once reconstituted use immediately.

Precautions
For *in vitro* diagnostic use only. Observe approved biohazard precautions and aseptic techniques. To be used only by adequately trained and qualified laboratory personnel. Sterilise all biohazard waste before disposal. Refer to Product Safety Data sheet.

Materials required but not provided
Standard microbiological supplies and equipment such as loops, MAST® culture media, swabs, applicator sticks, incinerators and incubators, etc., as well as serological and biochemical reagents and additives such as blood.

Procedure
1. Sterilise appropriate volume of MAST® G.C. Agar Base (DM136D), cool to 50 to 55°C and add 5 to 7% sterile defibrinated horse blood. Mix thoroughly.
2. Heat to 80°C mixing occasionally until the medium becomes a chocolate brown colour.
3. Cool to 55°C and hold in water bath at this temperature.
4. Reconstitute the contents of one vial using the diluent specified on the pack label. The best method is to aseptically add the diluent using a sterile needle and syringe. Draw the diluent into the syringe and after removing the plastic cap, inject through the rubber stopper of the vial. The lyophilised supplement will rapidly dissolve and may be withdrawn into the syringe.
5. Add the antibiotic supplement to the volume of medium specified on the pack label and discard the needle into an approved container.
6. Mix gently but thoroughly to evenly distribute the selective agents. Pour culture plates (15 to 20 mL per plate) and allow to set.
7. Prepared culture plates may be used immediately or stored in plastic bags at 2 to 8°C for up to one week before use.
8. If no delay is expected before the specimen reaches the laboratory, the specimen can be cultured directly onto the selective chocolate agar and incubated at 35 to 37°C in a humid atmosphere containing 5 to 10% CO_2.
9. Where a short delay before culture is likely, a swab sample should be immersed in MAST® Amies Transport Medium (DM030D) and stored at 2 a 8°C. For longer delays, incubate the specimen at 35 to 37°C for 16 to 18 hours on Transgrow slopes prepared from MAST® GC Agar Base (DM136D) and VCNT MAST® SELECTATAB/MAST® SELECTAVIAL.
10. For culture of gonococci or meningococci from sites which are normally sterile or for strains sensitive to the antibiotics used, a non-selective chocolate agar plate should be inoculated in parallel (DM136D and 5 to 7% sterile heated defibrinated horse blood)

Interpretation of results
Gonococci and meningococci grow as non-pigmented translucent colonies.

Quality control
Check for signs of deterioration. Quality control must be performed with at least one organism to demonstrate a positive reaction and at least one organism to demonstrate a negative reaction. Do not use the product if the reactions with the control organisms are incorrect. The list below illustrates a range of performance control strains which the end user can easily obtain.

Test Organisms	Result
Neisseria gonorrhoeae ATCC® 43069	Growth
Escherichia coli ATCC® 25922	No growth
Staphylococcus aureus ATCC® 25923	No growth

References
Bibliography available on request.

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