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Legionella (MWY)
MAST® SELECTAVIAL

SV36 Series

Intended Use
For the selective isolation of *Legionella* spp. from environmental specimens.

FOR IN VITRO DIAGNOSTIC USE ONLY

Contents
10 vials of MAST® SELECTAVIAL.

Formulation

Material:	Concentration in medium:
Polymyxin B	50,000 units/L
Vancomycin	1.0 mg/L
Bromothymol blue	10.0 mg/L
Bromocresol purple	10.0 mg/L
Amphotericin B	8.0 mg/L
Glycine	3.0 g/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 the appropriate volume of MAST® Legionella BCYE Agar Base (DM258D), cool to 50 to 55°C, hold at this temperature and add the appropriate quantity of MAST® Legionella Growth Supplement Selectatab (SV35).
2. Reconstitute the contents of one MWY 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 The lyophilised supplement will rapidly dissolve and may be withdrawn into the syringe.
3. Add the antibiotic supplement to the volume of medium specified on the pack label and discard the needle into an approved container.
4. Mix well to ensure even distribution of charcoal, pour culture plates (15 to 20 mL per plate) and allow to set.
5. Prepared culture plates may be used immediately or stored in plastic bags at 2 to 8°C for up to one week before use.
6. Inoculate dry plates directly with specimen material.
7. Incubate plates at 37°C in a humidified atmosphere for 3 to 5 days.

Interpretation of results
On selective BCYE Agar plates, colonies may take 3 to 5 days to appear. They are circular, low convex colonies with a crenated edge, which are green/blue in colour and slightly translucent.

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
Staphylococcus aureus ATCC® 9144	No growth
Staphylococcus aureus ATCC® 25923	No growth
Enterococcus faecalis ATCC® 29212	No growth
Legionella pneumophila ATCC® 33152	Growth

References
Bibliography available on request.

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