

## CAMP (Skirrow) MAST® SELECTAVIAL

### SV3 Series

#### Intended Use

For the selective isolation of campylobacters.

FOR IN VITRO DIAGNOSTIC USE ONLY

#### Contents

10 vials of MAST® SELECTAVIAL.

#### Formulation

Material:	Concentration in medium:
Vancomycin	10mg/L
Polymyxin B	2,500 units/L
Trimethoprim	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® Columbia Agar (DM115D) or Blood Agar Base (DM101D), cool to 50 to 55°C and hold at this temperature.
2. 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 The lyophilised supplement will rapidly dissolve and may be withdrawn into the syringe.
3. Add the antibiotic supplement to the volume of medium specified on the pack label and discard the needle into an approved container.
4. Supplement the medium with 5 to 7% sterile lysed defibrinated horse blood, mix well, 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. Directly inoculate the surface of a dried plate from the specimen to achieve isolated colonies.

7. Plates should be incubated in an atmosphere of 5% oxygen, 10% carbon dioxide and 85% nitrogen, and examined after 24 and 48 hours at 42 to 43°C.

#### Interpretation of results

The use of CAMP (Skirrow) MAST® SELECTAVIAL suppresses the growth of normal flora, thus allowing *Campylobacter* spp. to be readily identified. Colonies of *C. jejuni* will appear grey, moist and spreading; strains of *C. coli* as creamy grey raised, moist and often discrete colonies. Further identification tests should be carried out to confirm identification e.g. MAST® ID CAMP IDENTIFICATION SYSTEM (CAMP ID).

NB. CAMP (Skirrow) MAST® SELECTAVIAL is insufficiently selective for use with heavily contaminated specimens. Incubation at 37°C is necessary for the isolation of *C. fetus*, but reduces selectivity.

#### 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
<i>Campylobacter jejuni</i> ATCC® 33291	Growth
<i>Escherichia coli</i> ATCC® 25922	No growth
<i>Proteus mirabilis</i> ATCC® 43071	No Growth
<i>Staphylococcus aureus</i> ATCC® 25923	No growth

#### References

Bibliography available on request.