Block 5, Street 9 inside The Ismailia free zone. Ismailia- Egypt
Post Code-41511
Tel.-Fax: +202 21813500/ +202 21813600
Mob.: +2 01211550941/ +2 01119225860
E-mail: sales@arenabioscientific.com
Website: www.arenabioscien.com

Campylobacter selective supplement (SKIRROW)

Recommended for selective isolation of *Campylobacter* species from faecal specimens, food and environmental specimens.

REF: BS.1/CMS01.100.0100	100 Gram	REF: BS.1/CMS01.250.0250	250 Gram
REF: BS.1/CMS01.500.0500	500 Gram		

CLINICAL SIGNIFICANCE

Vancomycin is a glycopeptide antibiotic used in the prophylaxis and treatment of infections caused by Gram-positive bacteria. Trimethoprim is a bacteriostatic antibiotic which belongs to the class of chemotherapeutic agents known as dihydrofolate reductase inhibitors. Polymyxin B is an antibiotic primarily used for resistant gram-negative infections. It is derived from the bacterium Bacillus polymyxa. Polymyxin B is a mixture of two closely related compounds, polymyxin B1 and polymyxin B2. It has a bactericidal action against almost all gram-negative bacilli except the Proteus group

METHOD PRINCIPLE

Vancomycin acts by inhibiting proper cell wall synthesis in Gram-positive bacteria. Due to the different mechanism by which Gram-negative bacteria produce their cell walls and the various factors related to entering the outer membrane of Gram-negative organisms,

MEDIA COMPOSITION

Item	Formula per liter of medium
- Vancomycin - polymyxin - trimethoprim	2.0 mg 50.0 µg 1.0 mg

PRECAUTIONS AND WARNINGS

Media to be handled by entitled and professionally educated person. Do not ingest or inhale.
Good Laboratories practices using appropriate precautions should be followed in:

In case of contact with eyes or skin; rinse immediately with plenty of soap and water. In case of severe injuries; seek medical advice immediately.

- Respect country requirement for waste disposal.

S56: dispose of this material and its container at hazardous or special waste collection point.

S57: use appropriate container to avoid environmental contamination.

S61: avoid release in environment.

For further information, refer to the Campylobacter selective supplement material safety data sheet.

- Wearing personnel protective equipment (overall, gloves, glasses,).
- Do not pipette by mouth.

STORAGE AND STABILITY

BioScien Campylobacter selective supplement should be stored Usable up to the expiry date when stored dry and tightly closed at +2 to +8 °C.
After first opening of the bottle the content should be used

Instructions for use

The lyophilisate is dissolved in the original vials by adding sterile, distilled water (2 ml). In the preparation of Campylobacter Selective Agar, the dissolved contents of one vial is evenly mixed into 200 ml of sterile, still liquid medium cooled to about 45-50 °C.

EQUIPMENT REQUIRED NOT PROVIDED

- Sterile cups
- Sterile petri-dishes
- Incubator

SPECIMEN

Clinical samples - faeces; Food and dairy samples; Environmental sample

PERFORMANCE CHARACTERISTICS

Incubate the plates in an atmosphere consisting of approximately 5-6% oxygen, 10% carbon dioxide and 84-85% nitrogen for 48 hours at 42°C.

Oranism	Growth with Skirrow Selective Supplement
Campylobacter jejuni ATCC 29428	Good-luxuriant
Escherichia coli ATCC 25922	None - Poor

QUALITY CONTROL

To ensure adequate quality control, it is recommended that positive and negative control included in each run. If control values are found outside the defined range, check the system performance. If control still out of range please contact ***BioScien*** technical support.

REFERENCES

1 SKIRROW, M.B.: Campylobacter enteritis: a "new" disease. - Brit. Med. J., 6078; 9-11 (1977).

SYMBOLS IN PRODUCT LABELLING	
LOT Batch Code/Lot number	Caution
REF Catalogue Number	Do not use if package is damaged
Temperature Limitation	Consult Instruction for use
Expiration Date	
Manufactured by	