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| OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION | | |
| VCAT SELECTIVE SUPPLEMENT SR0104B | | |

VCAT SELECTIVE SUPPLEMENT

SR0104B

Formula

Vial contents (each vial is sufficient to supplement 500ml of medium)

| | |
|-------------------|---------|
| Vancomycin | 1.0 mg |
| Colistin sulphate | 3.75 mg |
| Amphotericin B | 0.5 mg |
| Trimethoprim | 1.5 mg |

Description

A selective supplement for the isolation of pathogenic *Neisseria* species.

Directions

Aseptically add 10ml of sterile distilled water to 1 vial and mix gently to dissolve. Avoid frothing. Aseptically add the vial contents to 490ml of sterile GC Agar Base (CM0367) prepared as directed, cooled to 50°C, enriched with 50ml Laked Horse Blood (SR0048) and 1 vial of Yeast Autolysate Supplement (SR0105B) reconstituted as directed. Mix well and pour into sterile Petri dishes.

Physical Characteristics


Pale yellow pellet
Sterility - passes test

Microbiological Tests Using Optimum Inoculum Dilution

Control Media: GC Agar Base with the addition of Vitox and Soluble Haemoglobin, Sabouraud Dextrose Agar or Tryptone Soya Agar, where appropriate

Tested in GC Agar Base CM0367 enriched with 10% v/v laked horse blood and Yeast Autolysate Supplement SR0105

The CLSI M22 control strains required for Selective media for pathogenic *Neisseria* spp. are included in the test panel

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Reactions after incubation at 37°C for 48 hours in 10% CO₂ atmosphere

Medium is challenged with 10-100 colony-forming units

| | | |
|-------------------------------|------------|----------------------------|
| <i>Neisseria gonorrhoeae</i> | ATCC®43069 | 1-3mm straw/brown colonies |
| <i>Neisseria gonorrhoeae</i> | ATCC®19424 | 1-3mm straw/brown colonies |
| <i>Neisseria meningitidis</i> | ATCC®13090 | 1-3mm straw/brown colonies |
| <i>Neisseria meningitidis</i> | ATCC®13077 | 1-3mm straw/brown colonies |

A satisfactory result is represented by recovery of positive strains equal to or greater than 70% of the control medium.

Medium is challenged with 10-1000 colony-forming units

| | | |
|-------------------------|------------|-------------------------------------|
| <i>Candida albicans</i> | ATCC®60193 | No growth or ppt-1mm cream colonies |
|-------------------------|------------|-------------------------------------|

A satisfactory result is represented by no growth or a recovery no greater than 100% of the control medium.

Medium is challenged with 1E+04 to 1E+06 colony-forming units

| | | |
|-----------------------------------|------------|---|
| <i>Staphylococcus epidermidis</i> | ATCC®12228 | No growth |
| <i>Escherichia coli</i> | ATCC®25922 | No growth |
| <i>Bacillus subtilis</i> | ATCC®6633 | No growth |
| <i>Proteus mirabilis</i> | ATCC®43071 | No growth or yellow colonies |
| <i>Neisseria sicca</i> | ATCC®9913 | No growth or ppt-3mm straw/brown colonies |

Negative strains are inhibited or produce a negative diagnostic reaction.

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Revision History

| Section / Step | Description of Change | Reason for Change | Reference |
|-----------------------|----------------------------|-------------------|---------------|
| Microbiological Tests | Removal of 24 hour results | Change control | MOC-2024-0924 |