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| | | Revision: 05 |
| OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION | | |
| VCNT SELECTIVE SUPPLEMENT SR0091E | | |

VCNT SELECTIVE SUPPLEMENT

SR0091E

Formula

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

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|-------------------|----------|
| Vancomycin | 1.5 mg |
| Colistin sulphate | 3.75 mg |
| Trimethoprim | 2.5 mg |
| Nystatin | 6,250 IU |

Description

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

Directions

Aseptically add 2ml of sterile distilled water to 1 vial and mix gently to dissolve. Aseptically add the vial contents to 500ml of sterile Thayer Martin Medium, prepared from GC Agar Base (CM0367) and 1% w/v Soluble Haemoglobin Powder (LP0053), cooled to 50°C and add 1 vial of Vitox (SR0090A) reconstituted as directed. Mix well and pour into sterile Petri dishes.

Physical Characteristics

Off white 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 with the addition of Vitox SR0090 and Soluble Haemoglobin Powder LP0053

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

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

Medium is challenged with 10-100 colony-forming units

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

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Neisseria meningitidis ATCC®13090 1-3mm straw/brown colonies

Neisseria meningitidis 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

Candida albicans ATCC®60193 No growth or ppt-4mm cream colonies

A satisfactory result is represented by recovery of positive strains equal to or less than 100% of the control medium.

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

Neisseria sicca ATCC®9913 No growth or minimal growth

Neisseria sicca ATCC®9913 shall be inhibited or shall produce less than 20 cfu, ppt-3mm straw/brown colonies.

Medium is challenged with greater than 1E+04 colony-forming units

Staphylococcus epidermidis ATCC®12228 No growth or 1-2mm white colonies

Negative strains are inhibited or shall produce at least a 4 log(10) reduction when compared to the control medium.

Medium is challenged with greater than 1E+05 colony-forming units

Escherichia coli ATCC®25922 No growth or 1-2mm straw colonies

Proteus mirabilis ATCC®43071 No growth or 1-2mm straw colonies

Negative strains are inhibited or shall produce at least a 5 log(10) reduction when compared to the control medium.

Medium is challenged with greater than 1E+03 colony-forming units

Branhamella catarrhalis ATCC®25238 No growth or 0.5-1mm straw/brown colonies

Negative strains are inhibited or shall produce at least a 1 log(10) reduction when compared to the control medium.

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Revision History

| Section / Step | Description of Change | Reason for Change | Reference |
|---------------------------------|--|------------------------------------|---------------|
| Microbiological characteristics | Removal of 24 hours testing | To align all product documentation | MOC-2024-0924 |
| | Change of percentage recovery for <i>Candida albicans</i> ATCC®60193 | | |