

Cetrinix Supplement

Intended Use

An antibiotic supplement recommended for selective isolation of *Pseudomonas* species.

Summary

Cetrinix Supplement is used with Pseudomonas Agar Base for selective isolation of *Pseudomonas* species. Goto and Entomoto formulated Cetrinix Supplement for the selective isolation of *Pseudomonas aeruginosa*.

Principle

Cetrinix supplement contains nalidixic acid and cetrimide. *Pseudomonas* species is resistant to many antibacterial agents. *Pseudomonas aeruginosa* is more resistant to nalidixic acid (NAL) than *Escherichia coli* and other enteric bacteria. Cetrimide acts as a selective agent and inhibits growth of many bacteria other than *Pseudomonas* species. Cetrinix Supplement suppresses *Klebsiella*, *Proteus* and *Providencia* species and supports the growth of *Pseudomonas aeruginosa*.

Reagents / Contents

Each vial, Sufficient for 500 mL medium contains:

Cetrimide	100.00 mg
Nalidixic Acid	7.50 mg

Storage and Stability

1. Store the Microxpress® Cetrinix Supplement kit at 2°C-8°C, away from light.
2. Stability of the Microxpress® Cetrinix Supplement kit is as per the expiry date mentioned on the label.

Directions

1. Rehydrate the contents of 1 vial aseptically with 2 mL sterile 0.2 N sodium hydroxide.
2. Mix well and aseptically add 500 mL sterile, molten Pseudomonas Agar Base (24.2 g/500mL).
3. Mix well and dispense as desired.

Interpretation of results

The presence of blue green pigmentation, or fluorescence is presumptive evidence of *Pseudomonas* species.

Quality Control

Cultural characteristics observed after an incubation of 24-48 hours at 35°C-37°C when added to Pseudomonas Agar Base.

Organisms (ATCC)	Growth
<i>Pseudomonas aeruginosa</i> (9027)	Good
<i>Pseudomonas aeruginosa</i> Strain Boston 41501 (27853)	Good
<i>Proteus hauseri</i> (13315)	Good
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> (25923)	Inhibited
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> (6538)	Inhibited

Remarks

1. Do not use cracked or broken vials.
2. Good laboratory practices and hazard precautions must be observed at all times.

Warranty










This product is designed to perform as described on the label and package insert. The manufacturer disclaims any implied warranty of use and sale for any other purpose.

References

1. Manuela Rella and Dieter Haas, Antimicrobial Agents and Chemotherapy. 1982 August; 22: 242-249.
2. Data on file: Microxpress®, A division of Tulip Diagnostics (P) Ltd.

Product Presentation:

Cat No.	Product description	Pack Size
204031020001	Media Selective Supplement	1 Vials

 Temperature limit	 Manufacturer	 Batch code	 Contains sufficient for <n> tests	 This way up
 Catalogue Number	 Consult Instructions for use	 Use-by date	 Date of Manufacture	Media Supplements Dehydrated Culture Media Supplements for Microbiological applications

Revision: 0925/VER-03

Disclaimer

Information provided is based on our inhouse technical data on file, it is recommended that user should validate at his end for suitable use of the product.
