

## 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
<b>REF</b> Catalogue Number	 Consult Instructions for use	 Use-by date	 Date of Manufacture	<b>Media Supplements</b> Dehydrated Culture Media Supplements for Microbiological applications

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## 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.