

## G C Supplement

### Intended Use

An enrichment and antibiotic supplement recommended for the selective isolation of pathogenic *Neisseria*.

### Summary

The combination of Dextrose, Sodium Bicarbonate, Yeast Autolysate, Vancomycin, Colistin Methane Sulphonate, Trimethoprim and Nystatin facilitates the growth of *Neisseria*. G C supplement is used with G C Agar Base for selective isolation of *Neisseria*.

### Principle

The incorporation of antibiotics suppresses the growth of microorganisms without interfering with the growth of *Neisseria*. Yeast autolysate and dextrose also enhance the growth of *Neisseria*.

### Reagents / Contents

Each vial, sufficient for 500 mL medium contains:

Yeast autolysate	5.00 g
Dextrose	0.75 g
Sodium bicarbonate	0.075 g
Vancomycin	1.50 mg
Colistin methane sulphonate	3.75 mg
Trimethoprim	2.50 mg
Nystatin	6,250 units

### Storage and Stability

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

### Directions

1. Rehydrate the contents of 1 vial aseptically with 15 mL sterile distilled water.
2. Mix well and aseptically add to sterile, molten 500 mL G C Agar Base (18 g/235 mL) along with 250 mL of sterile haemoglobin solution.
3. Mix well and dispense as desired.

### Interpretation of results

Refer to appropriate references and procedures for results.

### Quality Control

Cultural characteristics after an incubation of 40-48 hours at 30°C-35°C anaerobically, when used in G C Agar base.

#### Organisms (ATCC)

*Neisseria gonorrhoeae* (49226)  
*Candida albicans* 3147 (10231)  
*Escherichia coli* (25922)  
*Staphylococcus aureus* subsp.  
*aureus* (25923)

#### Growth

Good  
Complete Inhibition  
Complete Inhibition  
Complete Inhibition

### 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. Data on file: Microxpress®, A division of Tulip Diagnostics (P) Ltd.

## Product Presentation:

### Cat No.










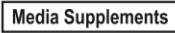
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### Product description

Media Selective Supplement

### Pack Size

5 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	 Dehydrated Culture Media Supplements for Microbiological applications

Revision: 1125/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.