

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)	Growth
<i>Neisseria gonorrhoeae</i> (49226)	Good
<i>Candida albicans</i> 3147 (10231)	Complete Inhibition
<i>Escherichia coli</i> (25922)	Complete Inhibition
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> (25923)	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.	Product description	Pack Size
204070340005	Media Selective Supplement	5 Vials

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