

Dermato Supplement

Intended Use

An antibiotic supplement recommended for the selective isolation of pathogenic dermatophytes.

Summary

Dermato Supplement is used with Dermatophyte Test Agar Base for selective isolation of pathogenic dermatophytes.

Principle

The addition of antibiotics increases the selectivity of the medium. Cycloheximide inhibits most of the saprophytic fungi. Gentamicin inhibits gram-negative bacteria including *Pseudomonas* species while Chlortetracycline inhibits a wide range of gram-positive and Gram-negative bacteria.

Reagents / Contents

Each vial, sufficient for 500 mL medium contains:

Cycloheximide 250 mg

Chlortetracycline 50 mg

Gentamicin 50 mg

Storage and Stability

1. Store the Microxpress® Dermato Supplement kit at 2°C-8°C, away from light.

2. Stability of the Microxpress® Dermato Supplement kit is as per the expiry date mentioned on the label.

Directions

1. Rehydrate the contents of 1 vial aseptically with 5 mL of 50% v/v acetone.
2. Mix well and aseptically add it to 500 mL sterile, molten, cooled (45°C-50°C) Dermatophyte Test Agar Base.
3. Mix well and pour into sterile petriplates.

Interpretation of results

Refer to appropriate references and procedures for results.

Quality Control

Cultural response: Cultural characteristics observed with added Dermato Supplement after an incubation of 6 days at 25 °C - 30 °C, when used in Dermatophyte Test Agar Base.

Organism (ATCC)	Growth	Incubation Temperature	Incubation Period
<i>Aspergillus brasiliensis</i> WLRI 034(120) (16404)	Partial Inhibition	25°C – 30°C	72 hours
<i>Candida albicans</i> 3147 (10231)	Good	25°C – 30°C	48 hours
<i>Pseudomonas aeruginosa</i> Strain Boston 41501 (27853)	Partial Inhibition	25°C – 30°C	72 hours
<i>Microsporum audouinii</i> (9079)	Good	25°C – 30°C	48 hours
<i>Trichophyton interdigitale</i> 640 (9533)	Good	25°C – 30°C	48 hours

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
204040320005	Media Selective Supplement	5 Vials

 Temperature limit	 Manufacturer	 LOT	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.