

Brucella Selective Supplement

Intended Use

An antibiotic supplement recommended for selective isolation of *Brucella* species in milk.

Summary

The combination of Nystatin, Bacitracin, Polymixin B, Natamycin, Vancomycin and Nalidixic Acid facilitates the growth of *Brucella*. Brucella Selective Supplement modified is used with Columbia Blood Agar Base for selective isolation of *Brucella*.

Principle

The incorporation of different antimicrobial agents suppresses the growth of microorganisms without interfering with the growth of *Brucella* species.

Reagents / Contents

Each vial, sufficient for 500 mL medium, contains:

Nystatin	50000 IU
Bacitracin	12500 IU
Polymixin B	2500 IU
Natamycin	50.00 mg
Vancomycin	10.00 mg
Nalidixic Acid	2.50 mg

Storage and Stability

1. Store the Microxpress® Brucella Selective Supplement kit at 2°C-8°C, away from light.
2. Stability of the Microxpress® Brucella Selective 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 methanol and shake to form a uniform suspension.
2. Add the contents to 500 mL sterile molten Brucella Agar Base.
3. Mix well and dispense as desired.

Interpretation of results

Refer to appropriate references and procedures for results.

Quality Control

Cultural characteristics observed after an incubation of 24-72 hours at 30°C-35°C under anaerobic conditions, when added to Brucella Agar Base.

Organisms (ATCC)	Growth
<i>Brucella abortus</i> (S 99)	Good
<i>Brucella melitensis</i> (4309)	Good
<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
204020680005	Media Selective Supplement	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.