

## 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	 LOT	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	

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.