

## Willis and Hobbs Supplement

### Intended Use

An antibiotic supplement recommended for isolation of *Clostridium perfringens* and *Clostridium botulinum* species.

### Summary and Principle

Willis and Hobbs Supplement is used with Willis and Hobbs Medium Base for selective isolation of *Clostridium perfringens* and *Clostridium botulinum* species from food. This medium formulated by Willis and Hobbs can be used for the identification of *Clostridium* species on the basis of lecithinase reaction in egg yolk and lactose fermentation. This medium is prepared in accordance with Indian Standard under the specifications IS: 5887 (PartIV) 1976.

### Reagents / Contents

Each vial, sufficient for 475 mL medium contains:

Neomycin sulphate 33.0 g

### Storage and Stability

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

### Directions

1. Rehydrate the contents of 1 vial aseptically with 5 mL sterile distilled water.
2. Aseptically add to 400 mL sterile, molten, cooled (45°C-50°C) Willis and Hobbs Medium Base along with 15 mL of Egg Yolk Emulsion and 60 mL of sterile skim milk.
3. Mix well and dispense as desired.

### Interpretation of results

Refer to appropriate references and procedures for results.

### Quality Control

Culture characteristics observed when Egg Yolk Emulsion and sterile Skim milk solution and Willis and Hobbs supplement are added in Willis and Hobbs medium base and incubated anaerobically after an incubation at 35°C37°C for 18-48 hours.

Organisms (ATCC)	Growth	Lecithinase
<i>Clostridium botulinum</i> (25763)	Good	+
<i>Clostridium perfringens</i> (12924)	Good	+

### Key:

+ : Positive reaction, opaque zone around the colony.

### 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.**  
204230080005

**Product description**  
Media Selective Supplement

**Pack Size**  
5 Vials

 Temperature limit	 Manufacturer	 <b>LOT</b>	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: 0925/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.