

## Horse Serum

### Intended Use

An enrichment supplement recommended for isolation and cultivation of *Mycoplasma*, *Trichomonas*, *Streptococcus* species and *C. diphtheriae*.

### Summary

Serum is the clear yellowish fluid obtained when whole blood is separated into its liquid and solid components. Blood is allowed to clot so that serum separates from the blood cells. The liquid portion released from the clot is called serum and does not contain fibrinogen as the fibrinogen was utilized to form the fibrin threads of the blood clot. Serum usually inactivated by heating to 56°C for 30 minutes to eliminate lipases that would cause degradation of lipids and inactivation of complement.

### Principle

Horse serum provides growth factors, which are required for the growth of *Mycoplasma*, *Trichomonas*, *Streptococcus* species and *C. diphtheriae*.

### Reagents / Contents

100 / 50 mL per vial

Horse Serum 100 mL / 50 mL

### Storage and Stability

1. Store the Microxpress® Horse Serum below -20°C, away from light.
2. Stability of the Microxpress® Horse Serum is as per the expiry date mentioned on the label.

### Directions

1. Warm up the refrigerated contents to 50°C in a water bath and aseptically add 300 mL to 700 mL *Mycoplasma* Agar Base (36 g/700 mL) and 750 mL to 250 mL Loeffler Medium Base (8.8 g/250 mL).
2. 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 48 hours at 35°C-37°C under anaerobic conditions when added to *Mycoplasma* Agar Base.

Organisms (ATCC)	Growth
<i>Mycoplasma pneumoniae</i> (15531)	Good
<i>Streptococcus pneumoniae</i> (6303)	Good

### 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:**

<b>Cat No.</b> 204080110100	<b>Product description</b> Media Selective Supplement	<b>Pack Size</b> 100 mL
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 Temperature limit	 Manufacturer	 LOT 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

**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.

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