

## Haemoglobin Powder Soluble

### Intended Use

Haemoglobin powder is an enrichment supplement, and 2% w/v solution of this supplement is autoclavable.

### Summary

Haemoglobin, an autoclavable preparation of beef blood, provides hemin (X factor), which is required by *Haemophilus* species and enhances growth of *Neisseria* species. Haemoglobin powder is used with G.C. agar base in the preparation of chocolate agar.

### Principle

Haemoglobin powder provides hemin, which is required for the growth of many fastidious microorganisms, such as *Haemophilus* species and *Neisseria* species.

### Reagents / Contents

Haemoglobin powder      100 g

### Storage and Stability

1. Store the Microxpress® Haemoglobin Powder Soluble at 2°C-8°C, away from light.
2. Stability of the Microxpress® Haemoglobin Powder Soluble is as per the expiry date mentioned on the label.

### Directions

1. Add 250 mL distilled water to 5 g Haemoglobin Powder to make a 2% w/v solution.
2. Stir the solution continuously while adding the water and autoclave at 121°C for 15 minutes.
3. Shake well to resuspend sedimented haemoglobin.
4. Aseptically add 250 mL sterile 2% solution to 235 mL sterile, molten G C Agar Base (18 g/235 mL) along with G C supplement to make double strength base.

### Interpretation of results

Refer to appropriate references and procedures for results.

### Quality Control

Cultural characteristics observed after an incubation of 40-48 hours anaerobically at 35°C-37°C when added to G C Agar base.

Organisms (ATCC)	Growth
<i>Streptococcus pneumoniae</i> (6305)	Good
<i>Streptococcus pyogenes</i> Strain Bruno (19615)	Good
<i>Neisseria gonorrhoeae</i> (49226)	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>	<b>Product description</b>	<b>Pack Size</b>
204080100100	Media Selective Supplement	100 g

## 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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