



Dehydrated Culture Media
Bases / Media Supplements

Technical Information

BCYE Growth Supplement

Product Code: MS2142X

Application: A chemical enrichment supplement recommended for enhancing growth of *Legionella species*.

Composition**

Per vial sufficient for 440 ml medium

| Ingredients | Concentration |
|----------------------------------|---------------|
| ACES buffer/ Potassium hydroxide | 1.0g |
| Ferric pyrophosphate, soluble | 0.025g |
| L-cysteine hydrochloride | 0.040g |
| alpha-Ketoglutarate | 0.10g |
| Distilled water | 10ml |

Directions

Warm up the refrigerated supplement to 45-50°C, shake well to form uniform suspension. Avoid frothing. Aseptically add to 440 ml sterile, molten, cooled (45-50°C) Legionella Agar Base DM1809A/ Legionella Agar Base, Granulated MG1809A. If desired aseptically add rehydrated contents of 1 vial of GVPC Selective Supplement MS2143. Mix well and pour into sterile petri plates. The final pH of the medium will be 6.9 ± 0.2 . In case of non-incorporation of GVPC Selective Supplement MS2143, add aseptically 10 ml sterile distilled water to bring the total volume to 500 ml medium. If desired aseptically add 1 vial to 430 ml sterile molten, cooled Legionella Agar Base DM2845 alongwith BMPA Selective Supplement MS2144 or GVPC Selective Supplement MS2143, or GVPN Selective Supplement MS2242 along with 1 vial of BCYE Growth Supplement MS2142 and Sterile Charcoal powder MS2280.

Note: On storage at 2 to 8°C; due to combination of ingredients, slight fine precipitate may develop which may be evenly distributed before addition to medium.

Type of specimen

Clinical samples - faces, urine etc.; Water samples

Specimen Collection and Handling

For clinical samples follow appropriate techniques for handling specimens as per established guidelines (1, 2).

For water samples follow appropriate techniques for handling specimens as per established guidelines (3).

After use, contaminated materials must be sterilized by autoclaving before discarding.

Warning & Precautions

In Vitro diagnostic use. For professional use only. Read the label before opening the container. Wear protective gloves/ protective clothing/eye protection/face protection. Follow good microbiological lab practices while handling specimens and culture. Standard precautions as per established guidelines should be followed while handling clinical specimens. Safety guidelines may be referred in individual safety data sheets.

Disposal

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques(1, 2).

Storage and Shelf Life

Store at 2-8°C. Use before expiry date on the label.



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Reference

1. Isenberg (Ed.), 2004, Clinical Microbiology Procedures Handbook, Vol.3, American Society for Microbiology, Washington, D.C.
2. Jorgensen, J.H., Pfaller, M.A., Carroll, K.C., Funke, G., Landry, M.L., Richter, S.S and Warnock., D.W. (2015) Manual of Clinical Microbiology, 11th Edition. Vol. 1.
3. Baird R.B., Eaton A.D., and Rice E.W., (Eds.), 2015, Standard Methods for the Examination of Water and Wastewater, 23rd ed., APHA, Washington, D.C.

* Not For Medicinal Use

Disclaimer

- User must ensure suitability of the product(s) in their application prior to use.
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