BCYE Growth Supplement

FD142

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	5g
Ferric pyrophosphate, soluble	0.125g
L-cysteine hydrochloride	0.20g
alpha-Ketoglutarate	0.50g
Distilled water	50 ml

Directions:

Warm up the refrigerated supplement to 45-50ºC, shake well to form uniform suspension. Avoid frothing. Aseptically add to 440 ml sterile, molten, cooled (45-50ºC) Legionella Agar Base M809A/ Legionella Agar Base, Granulated GM809A. If desired aseptically add rehydrated contents of 1 vial of GVPC Selective Supplement FD143. 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 FD143, 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 M1845 alongwith BMPA Selective Supplement FD144 or GVPC Selective Supplement FD143, or GVPN Selective Supplement FD242 along with 1 vial of BCYE Growth Supplement FD142 and Sterile Charcoal powder FD280

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

Type of specimen

Clinical samples - faeces, 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.

Storage and Shelf Life

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

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).

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. Lipps WC, Braun-Howland EB, Baxter TE,eds. Standard methods for the Examination of Water and Wastewater, 24th ed. Washington DC:APHA Press; 2023.

*** Not For Medicinal Use**

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EC REP

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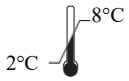
IVD ***In vitro*** **diagnostic medical device**

CE Marking



Storage temperature

Do not use if package is damaged

Disclaimer :

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related HiMedia™ publications. The information contained in this publication is based on our research and development work and is to the best of our knowledge true and accurate. HiMedia™ Laboratories Pvt Ltd reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory,diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.