



Dehydrated Culture Media
Bases / Media Supplements

Technical Information

Sterile Charcoal Supplement for Legionella Agar

Product Code: MS 2280

Application: - Recommended for growth of Legionella species. It is used to neutralize toxic compounds. Activated charcoal decomposes hydrogen peroxide, a metabolic product toxic to Legionella species.

Composition**

Per vial sufficient for 500 ml medium

Ingredients	Gms / Litre
Activated Charcoal	2g

Directions

Rehydrate the contents of 1 vial with 10 ml of sterile distilled water to dispense the contents evenly. Aseptically add to 430 ml sterile, molten, cooled (45-50°C) Legionella Agar Base (DM2845) alongwith 1 vial containing 50ml of BCYE Growth Supplement MS2142. Aseptically add 10ml of sterile distilled water to bring volume to 500 ml when no selective supplement is added. Mix well and pour into sterile Petri plates. The final pH of the medium will be 6.9 ± 0.2 .

Note : After rehydrating if FD is stored for longer, slight fine precipitate may develop which may be evenly distributed before addition to the molten medium.

Type of specimen

Clinical samples - urine; 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 sample collection, processing as per guidelines and local standards (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 10 - 30°C. Use before expiry date on the label.

Further Reading





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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.

Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
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