



Dehydrated Culture Media
Bases / Media Supplements

Technical Information

BLm Supplement 50-500 (Sterile)

Product Code: MS2268G

Application: A mixture of Beta Lactamase enzymes recommended for inactivation of a wide range of antibiotics like Penicillins, Cephalosporins of first, second, third and fourth generations and Penems.

Composition**

(per vial contains)

*Ingredients	Concentration
Cephalosporinase	> 50 IU activity
Penicillinase	> 500 IU activity

1 IU is defined as the amount of enzyme needed to hydrolyze 1 μ mole of Penicillin G (Penicillinase) or 1 μ mole of Cephalosporin C (Cephalosporinase) per minute at 25°C and pH 7.0.

1 IU of Penicillinase corresponds to 600 Levy Units or 75 Pollock Units.

Directions

Rehydrate the contents of 1 vial with 5 ml of distilled water. After reconstitution, filter sterilize the solution with 0.2 micron syringe filter. Add appropriate amount of solution depending on the application. Remaining sterilized solution can be stored at 2-8°C for 4 weeks.

Type of specimen

Pharmaceutical samples

Specimen Collection and Handling

For pharmaceutical samples follow appropriate techniques for handling specimens as per established guidelines. After use, contaminated materials must be sterilized by autoclaving before discarding.

Warning & Precautions

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.

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.

* Not For Medicinal Use



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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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