Penta Mix

FD260

An antibiotic mixture recommended to add in media to reduce contamination of other organisms from suspected tuberculosis positive clinical samples prior to inoculation. If desired can be added to Middlebrook 7H9 Broth Base (M198).

Composition

Per vial sufficient for medium

*Ingredients	Concentration
Polymyxin B	6000Units
Amphotericin B	600µg
Nalidixic acid	2400µg
Trimethoprim	600µg
Azlocillin	600µg

Directions:

Rehydrate the contents of vial with 3 ml sterile distilled water. Aseptically add 0.1 ml in 4 ml of sterile Middlebrook 7H9 Broth Base M198 alongwith 0.5 ml Middlebrook OADC growth supplement FD018 or add 3 ml in 120 ml of sterile Middlebrook 7H9 Broth Base M198 alongwith 15 ml Middlebrook OADC growth supplement FD018.

Note: *On reconstitution it has to be used within 72 hours provided it is stored at proper refrigeration conditions 2-8ºC or upto 6 months if stored at -20ºC. Once thawed the Penta mix should be immediately used.*

Type of specimen

Clinical samples - Sputum

Specimen Collection and Handling

For clinical samples follow appropriate techniques for handling specimens as per established guidelines (1,2). After use, contaminated materials must be sterilized by autoclaving before discarding.

Warning & Precautions

In Vitro diagnostic use only. 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.

*** Not For Medicinal Use**

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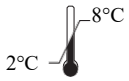
IVD ***In vitro*** **diagnostic medical device**

CE Marking



Storage temperature

Do not use if package is damaged

Disclaimer :

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