



Technical Data

Mucasol

FD118

This is used for liquefaction and homogenization of sputum.

Composition

Per vial sufficient for 95 ml of Distilled Water

*Ingredients	Concentration
Dithiothreitol (DTT)	0.100g
Sodium chloride	0.780g
Potassium chloride	0.020g
Disodium hydrogen phosphate	0.112g
Potassium dihydrogen phosphate	0.020g

Directions:

Rehydrate the content of 1 vial aseptically with 5 ml of sterile distilled water and mix gently to dissolve the contents completely. Aseptically add the contents to 95 ml of sterile distilled water. Use immediately or store at 4°C for 48 hours only. Wash the expectorated sputum with five times volume of 0.85% saline. After removal of the saline, add equal volume of mucasol solution. Mix well and incubate at 37°C with shaking till sputum liquefies.

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

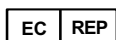
1. Isenberg (Ed.),2004, Clinical Microbiology Procedures Handbook, Vol.3, American Society for Microbiology, Washington. D.C.
2. Jorgensen, J.H., Pfaller, M.A., Carroll, K.C., Funke, G., Landry, M.L., Richter, S.S and Warnock., D.W. (2015) Manual of Clinical Microbiology,11th Edition. Vol. 1.

* Not For Medicinal Use

Revision : 02/2023



HiMedia Laboratories Pvt.
Limited, Plot No.C-40, Road
No.21Y, MIDC, Wagle Industrial
Area, Thane (W) -400604, MS,
India



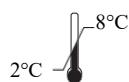
CEpartner4U, Esdoornlaan 13,
3951DB Maarn, NL
www.cepartner4u.eu



*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.