



Technical Data

MTS Supplement (25 ml per vial)

FD100

Recommended for isolation, cultivation and differentiation of *Corynebacterium diphtheria*.

Composition

Per vial sufficient for 975 ml medium

Ingredients	Concentration
Potassium tellurite	100mg
Calcium D pantothenate	0.050mg
Horse serum	12.500ml
Sodium lactate solution	10ml
Ethanol	2.500ml

Directions:

Warm up the refrigerated solution to room temperature. Add the contents of 1 vial to 975 ml of sterile, molten, cooled (45-50°C) Mueller Tellurite Agar Base [M1202](#). Mix well and pour into sterile petri plates.

Type of specimen

Clinical samples - Throat swab; 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 - 20°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 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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Disclaimer :

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