TTC Solution 1% (10 ml per vial)

FD057

Recommended for the detection of microbial growth by means of TTC reduction.

Composition

Ingredients	Concentration (10 ml per vial)
2,3,5-Triphenyl tetrazolium chloride	0.10 gm
Distilled water	10.00 ml

Directions:

Warm up refrigerated 1% TTC Solution and add 15 ml in sterile, molten, cooled (45-50°C) 1000 ml of M-Enterococcus Agar Base, Modified M1048 or 10 ml in 1000 ml sterile, molten, cooled (45-50°C) CAE Agar Base M1310 / CAE HiVeg™ Agar Base MV1310 / KF Streptococcal Agar Base M248 / KF Streptococcal HiVeg™ Agar Base MV248 / KF Streptococcal HiCynth™ Agar Base MCD248 / KF Streptococcal Broth Base M249 / KF Streptococcal HiVeg™ Broth Base MV249 / KF Streptococcus Agar Base w/ BCP M1007 / KF Streptococcus Agar Base w/ BCP, Granulated GM1007 / KF Streptococcus Broth Base w/ BCP M1021 / KF Streptococcus HiVeg™ Broth Base w/ BCP MV1021 / L.S. Differential Medium Base M582 / L.S. Differential HiVeg™ Medium Base MV582 / M-Azide Broth Base M1119 / M-Azide HiVeg™ Broth Base MV1119 / M-Slanetz Enterococcus Broth Base M1113 / M-Slanetz Enterococcus HiVeg™ Broth Base MV1113 / Motility Medium S Base M514 / Pagano Levin Base M1390 / SM Selective Agar Base M1289 / MUD SF Broth Base M1343 / Carnobacterium Selective Agar Base (CTAS Agar Base) **M1892** or 2.5 ml in sterile, molten, cooled (45-50°C) 1000 ml Modified Tergitol 7 Agar Base M616I / Modified Tergitol 7 Agar Base, Granulated (Tergitol -7 Agar Base, Modified, Granulated) GM616I / M-Tergitol 7 Agar w/ Meat extract M1678 or 3 ml in sterile, molten, cooled (45-50°C) 1000 ml Tergitol 7 Agar Base M616 / Tergitol 7 HiVeg™ Agar Base MV616 / Tergitol 7 HiCynth™ Agar Base **MCD616** / Tryptone Sucrose Tetrazolium Agar Base M1217 or 5 ml in sterile, molten, cooled (45- 50°C) 1000 ml Crystal Violet Tetrazolium Agar Base M586 / Crystal Violet Tetrazolium HiVeg™ Agar Base MV586 / HiCrome™ M-Coliconfirm Broth Base M2064 / HiCrome™ M-Coliconfirm Agar Base M2058 / Modified Tergitol Agar Base w/ 1.0% Agar M1699 / Slanetz and Bartley Medium w/o TTC M612A / lanetz and Bartley Medium w/o TTC, Granulated GM612A / Enterococcus Agar Base M2077 / Enterococcus Differential Agar Base (TITG Agar Base) M1896. If desired add 3 ml in sterile, molten, cooled (45-50°C) 1000ml of Tergitol-7 Agar H M850/ Tergitol-7 HiVeg™ Agar H MV850 / Tergitol-7 Broth M851/ Tergitol-7 HiVeg™ Broth MV851. Mix well and pour / dispense into sterile petri plates / tubes.

Type of specimen

Clinical samples - faeces, urine etc; Food samples; Water samples

Specimen Collection and Handling

For clinical samples follow appropriate techniques for handling specimens as per established guidelines (1,2).
For food samples, follow appropriate techniques for sample collection and processing as per guidelines (3).
For water samples, follow appropriate techniques for sample collection, processing as per guidelines and local standards (4). 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 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.
3. Salfinger Y., and Tortorello M.L., 2015, Compendium of Methods for the Microbiological Examination of Foods, 5th Ed., American Public Health Association, Washington, D.C.
4. 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.

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EC REP

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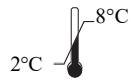
IVD ***In vitro* diagnostic medical device**

CE Marking



Storage temperature

Do not use if package is damaged