Dehydrated Culture Media
Bases / Media Supplements

Technical Information

Toluidine Blue (0.1gm per vial)

Product Code: MS2051

Application: This supplement is recommended for detection of deoxy ribonuclease activity

Composition**

Per vial sufficient for 500 ml medium,

Ingredients	Concentration
Toluidine blue	0.1g

Directions

Rehydrate the contents of 1 vial in 5 ml of distilled water and add in 1000 ml of rehydrated DNase Test Agar Base DM1482/ DNase Test MiVeg™ Agar Base VM1482 / DNase Test Agar Base, Granulated MG1482/ Heat to boiling to dissolve the medium completely. Sterilize by autoclaving the medium at 15 lbs pressure (121ºC) for 15 minutes. Cool and pour in sterile petri plates. Alternatively 0.1% aqueous solution of toluidine blue can be used to flood the growth on DNase Test Agar plates.

Type of specimen

Food and dairy samples

Specimen Collection and Handling

For food and dairy samples, follow appropriate techniques for sample collection, processing as per guidelines (1,2,3). 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 withclinical 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. Salfinger Y., and Tortorello M.L. Fifth (Ed.), 2015, Compendium of Methods for the Microbiological Examination of Foods, 5th Ed., American Public Health Association, Washington, D.C.
2. .American Public Health Association, Standard Methods for the Examination of Dairy Products, 1978, 14th Ed., Washington D.C.
3. Wehr H. M. and Frank J. H., 2004, Standard Methods for the Microbiological Examination of Dairy Products,17th Ed., APHA Inc., Washington, D.C.
4. Isenberg (Ed.),2004, Clinical Microbiology Procedures Handbook, Vol.3, American Society forMicrobiology, Washington.D.C
5. 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.

Disclaimer

- User must ensure suitability of the product(s) in their application prior to use.
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