



Technical Data

PC Selective Supplement

FD103

A liquid Potassium Chlorate Supplement, recommended for the selective enrichment of *Yersinia enterocolitica*.

Composition

Per vial sufficient for 1000 ml medium

Ingredients

Potassium chlorate
Distilled water

Concentration

1g
10ml

Directions:

Warm up the refrigerated solution to room temperature. Aseptically add the contents of 1 vial to 988 ml of sterile, cooled (45-50°C) ITC Broth Base [M1220](#)/ ITC HiVeg® Broth Base [MV1220](#) along with the contents of 1 vial of Tic Selective Supplement [FD102](#). Mix well and dispense into sterile tubes.

Type of specimen

Food and animal feeding stuff

Specimen Collection and Handling

For food samples follow appropriate techniques for handling specimens as per established guidelines (1,2,3). After use, contaminated materials must be sterilized by autoclaving before discarding.

Warning & Precautions

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 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. Product performance is best if used within stated expiry period.

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 (4,5).

Reference

1. Salfinger Y., and Tortorello M.L. Fifth (Ed.), 2015, Compendium of Methods for the Microbiological Examination of Foods, American Public Health Association, Washington, D.C.
2. ISO 10273:2017 Microbiology of the food chain Horizontal method for the detection of pathogenic *Yersinia enterocolitica*
3. Microbiology of food, animal feeding stuffs and water- Preparation, production, storage and performance testing of culture media, EN ISO 11133:2014 (E) /Amd.2 :2020.
4. Isenberg (Ed.), 2004, Clinical Microbiology Procedures Handbook, Vol.3, American Society for Microbiology, 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.

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* Not For Medicinal Use

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