



Technical Data

MUG Supplement (50 mg per vial)

FD092

A fluorogenic substrate for measuring β -glucuronidase activity, in rapid sensitive identification of *Escherichia coli*.

Composition

Per vial sufficient for 500 ml / 1000 ml medium

Ingredients

Concentration

4-Methylumbelliferyl β -D-Glucuronide(MUG)

50mg

Directions:

Rehydrate the contents of one vial aseptically with 5 ml methanol and mix well. Aseptically add the contents to 1000 ml of sterile, molten, cooled (45-50°C) of M-FC Basal Medium [M1812](#). Mix well and pour into sterile Petri plates.

Type of specimen

Water samples

Specimen Collection and Handling

For water samples follow appropriate techniques for handling specimens as per established guidelines (1). 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.

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 (2,3).

Reference

1. 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.
2. Isenberg (Ed.), 2004, Clinical Microbiology Procedures Handbook, Vol.3, American Society for Microbiology, Washington, D.C.
3. 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.

* Not For Medicinal Use

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Disclaimer :

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