

 **BD BBL™ Prepared Tubed Diluent**
Water

8807221JAA
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INTENDED USE

Water may be used in laboratory procedures, e.g., preparation of dilutions of reagents and suspensions of microorganisms.

SUMMARY AND EXPLANATION

Water has been recommended for numerous uses in the microbiology laboratory.¹ It is utilized in serial dilutions for test cultures, in preparing stock solutions of reagents and in the preparation of the base medium for yeast assimilation studies.²

PRINCIPLES OF THE PROCEDURE

The water in these tubes is purified (deionized) water that is ready and convenient for use as a diluent or suspending medium.

REAGENT

Purified water.

Warnings and Precautions

For Laboratory Use

Tubes with tight caps should be opened carefully to avoid injury due to breakage of glass.

Observe aseptic techniques and established precautions against microbiological hazards throughout all procedures. After use, prepared tubes and other contaminated material must be sterilized by autoclaving.

Storage Instructions: On receipt, store tubes at 2 – 25°C. Avoid freezing and overheating. Warm to room temperature before use. Tubed media stored as labeled until just prior to use may be inoculated up to the expiration date and incubated for the recommended incubation times. Do not open until ready to use.

Product Deterioration: Do not use tubes if they show evidence of microbial contamination, discoloration, evaporation or other signs of deterioration.

PROCEDURE

Material Provided: Water

Materials Required But Not Provided: Ancillary culture media, reagents, quality control organisms and laboratory equipment as required.

Test Procedure:

Follow those procedures or test methods requiring the use of water.

LIMITATION OF THE PROCEDURE

Water may be toxic to certain bacteria if held in a water suspension over a period of time.³

AVAILABILITY

Cat. No.	Description
297345	BBL™ Water, 5 mL, Ctn. of 100 size K tubes

REFERENCES

1. Forbes, B.A., D.F. Sahn, and A.S. Weissfeld. 1998. Bailey & Scott's diagnostic microbiology, 10th ed. Mosby, Inc., St. Louis.
2. Wickerham, L.J. 1951. Taxonomy of yeasts. U.S. Department of Agriculture technical bulletin 1029. Department of Agriculture, Washington, D.C.
3. Straka, R.P., and J.L. Stokes. 1956. Rapid destruction of bacteria in commonly used diluents and its elimination. Appl. Microbiol. 5:21-25.

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