

1. PRODUCT DESCRIPTION

GENIUL_ 4900018002

Anaerobic buffer 10x concentrated

What this product does

This product is a mineral salt base buffer with reducing agents designed as a holding medium for maintaining viability of microorganisms, especially anaerobic bacteria through collection, bacterial handling of clinical, environmental or food samples. Anaerobic buffer contains buffered mineral salts added to provide a reduced environment compatible with phenanthridium DNA intercalating reagents. This product has been designed to meet the stringent viability requirements of obligate anaerobes.

Validated for viability PCR technology in anaerobic microorganisms as *Bifidofacterium* spp.

Form: Liquid

Storage instructions: Can be stored at room temperature but preferably store in the lab fridge

Constituent: Sterile distilled water.

Note: Standard buffer 10x concentrated.

Intended use

For Research Use Only

Contents

5 vials of 10x concentrated Anaerobic buffer (1.5 mL in each vial)

Additional materials or equipment required but not provided

N/A

Storage & shelf life

Store Anaerobic buffer in the fridge. Protect from direct light.

- Concentrate is stable for 12 months from date of manufacture.
- Once 1x diluted solution has been made should be used within the next 24 h. If solution becomes cloudy, discard and make fresh solution.
- Temperatures below 6 ° C (44 degrees F) may cause the contents precipitate.

Microbiological state

Sterile product(s).

Specimen & reagent preparation

Refer to Procedure. See section 2: Operating procedure.

General Rules

Please, carefully read the MSDS for this product.

This product is sold for research purposes. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals.

Users should make independent decisions regarding completeness of the information based on all sources available. GeniUL shall not be held liable for any damage resulting from handling or contact with the above product.

2. OPERATING PROCEDURE

The buffer is provided as concentrates (10x) and is diluted to a 1x formulation.
To make a 1x Anaerobic buffer solution, dilute concentrate 10x with sterile distilled water.

- Heat the tube containing sterile water up to boil during one minute and cool quickly in cool running water if you needs to start with a completely degasified base.
- Use 1.5 ml Standard buffer concentrate per 13.5 ml of sterile distilled water
- Stir briefly.

Diluted solution should be used immediately. If solution becomes cloudy, discard and make fresh solution.

3. WARRANTY AND DISCLAIMER OF LIABILITY

GeniUL warrants that this product is free from defects in materials and workmanship through the expiration date printed on the label and only if the following are complied with:

- (1) The product is used according to the guidelines and instructions set.
- (2) GeniUL does not warrant its product against any and all defects when: the defect is as a result of material or workmanship not provided by GeniUL; defects caused by misuse or use contrary to the Instructions supplied, or if the product is contaminated by improper handling or storage.
- (3) All warranties of merchantability and fitness for a particular purpose, written, oral, expressed or implied, shall extend only for a period of one year from the manufacturing date. There are no other warranties that extend beyond those described in this document.
- (4) GeniUL does not undertake responsibility to any purchaser of its product for any undertaking, representation or warranty made by any dealers or distributors selling its products beyond those herein expressly expressed unless expressed in writing by an officer of GeniUL.
- (5) GeniUL does not assume responsibility for incidental or consequential damages, including, but not limited to responsibility for loss of use of this product, removal or replacement labour, loss of time, inconvenience, and expenses for telephone calls, shipping expenses, loss or damage to property or loss of revenue, personal injuries or wrongful death.
- (6) GeniUL reserves the right to replace or allow credit for any modules returned under this warranty.

4. CONTACT AND SUPPORT

If you have questions or experience problems with this or any other product of GeniUL, please contact our technical support staff (see details on www.geniul.com). Our scientists are committed to provide assistance quickly and effectively. We also would like to you contact us if you have suggestions to improve our product performance or the use of our products in new forms or applications.

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