

Bacteria Cryopreservation Solution Instructions

Composition

Cat. No.	3322100
Bacteria Cryopreservation Solution	100 ml
Instructions	1

Storage

The reagent can be stored for up to 2 years at room temperature (0-30°C). For longer storage, it is recommended to keep at 2-8°C. (The product stored at 2~8°C should be restored to room temperature before use).

Technical Support

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Introduction

The active ingredient of Bacterial Cryopreservation Solution is glycerin, which can be used for freezing preservation of various common bacteria. Usually -20°C can be stored for 1 year, -80°C can be stored for 5-10 years.

Protocol

1. Use liquid medium such as LB to grow the bacteria to the logarithmic stage.
2. In a sterile environment such as a super-clean table, the Bacterial Cryopreservation Solution and bacterial solution (including media) are added to the same sterilized freeze-storage tube or centrifuge tube at a 1:1 volume ratio. (Usually adding 500 µl Bacterial Cryopreservation Solution and 500 µl bacterial solution is sufficient for use.)
 - * Add the Bacterial Cryopreservation Solution first, then close the lid of the Bacterial Cryopreservation Solution, and then add the bacterial liquid, so as not to accidentally contaminate the Bacterial Cryopreservation Solution.
 - * You can pack more Bacterial Cryopreservation Solution into the sterilized freeze-up tube or centrifuge tube in advance and keep it for later use.
3. The bacteria can be stored at -20°C or -80°C after being thoroughly mixed upside down.

Precautions

1. Pay attention to aseptic operation to avoid contamination of miscellaneous bacteria.
2. Bacterial Cryopreservation Solution must be fully mixed with bacteria, otherwise it cannot play a role in protecting bacteria at low temperature.