

CRYOBANK[®]

Safe and secure cryopreservation
of clinically important bacteria and fungi



**Full
traceability**

- Up to 9 years of viable storage
- Unique cryoprotectant
- 25 beads per vial for multiple use
- Barcoded for full traceability

CRYOBANK®

CRYOBANK® is based on a cryovial system comprising chemically treated beads immersed in a special cryogenic preserving solution. **CRYOBANK®** offers a reliable, convenient and versatile system for storing and preserving a wide range of bacteria and fungi over long periods. Suitable for use in all laboratories dealing with bacteria and fungi including clinical, water, brewing, veterinary, food, pharmaceutical, dairy and biotechnology.

CRYOBANK® is available in an economical 80 vial presentation **CRYOBANK®** box. The vials come with colour coded caps and barcoding to allow the classification of different groups of microbes with full traceability. Each pack also has a reference grid printed on the lid so locating an organism is quick and simple. These packs are freezer proof, easy to store and designed to fit standard freezer racks. The vials can be easily removed from the box with the 'picker' provided.

Fully barcoded vials

Large 2ml vial



Wider tube diameter

Available in 4 different colours

The sterile vials contain 25 chemically treated beads to which the microorganisms can adhere. 3D shape of the beads creates maximum surface area for micro-organisms to adhere and easy retrieval using needle

The hypertonic cryopreservation solution guarantees high recovery rates, even for fastidious species

MAST® CRYOBLOCK

An 18-place aluminium block encased in insulating polystyrene which holds vials. With the polystyrene cover tubes remain below -20°C on the workbench for up to 45 minutes. This greatly enhances the stability of cultures and extends working time when they are removed from the freezer. This removes risks associated with continuous freeze-thawing, therefore maintaining viability of the organism.

Aluminium block places are conveniently numbered for easy reference.

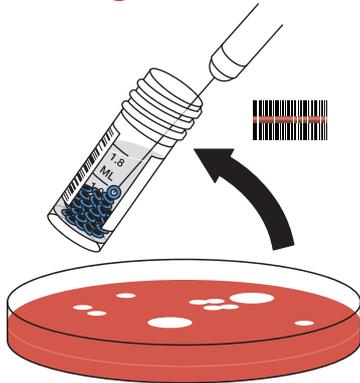


Preservation of a wide range of micro-organisms for more than 9 years has shown the method to be safe and reliable. Please visit the **CRYOBANK®** product page on our website for Technical Guide including full stability data. (Full stability data and technical guide is available upon request).

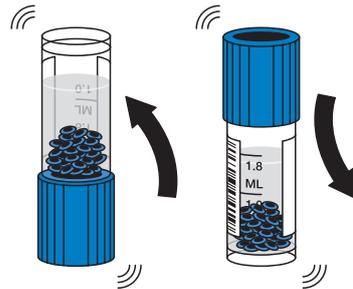
Storage of your organisms using the **CRYOBANK®**

The introduction of the linear barcode system allows for faster scanning and traceable differentiation in the **CRYOBANK®** box. The barcodes allow for full traceability and may be used with all universally available barcode readers. Alternatively the organism coding can be transcribed onto the cryovial or onto another permanent record as desired.

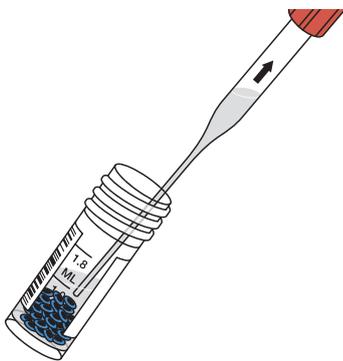
Storage



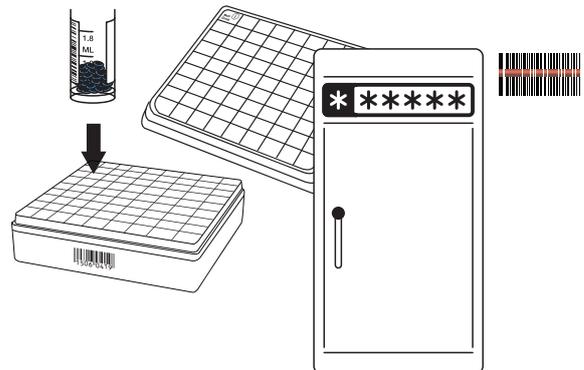
1. Scan the barcode to allocate to the sample, or alternatively label the cryovial. Use a loop to transfer your colony/isolate into the cryoprotectant solution within the chosen cryovial.



2. Mix carefully by inverting the cryovial.

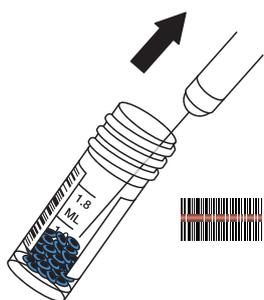


3. Remove fluid with a sterile pipette.

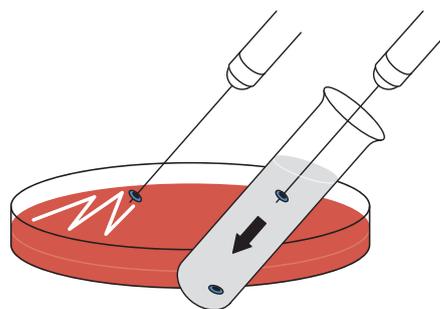


4. Scan bar-code on the cryovial and box to your software. Store inoculated cryovial in the cryobox at selected temperature.

Retrieval



1. Remove cryovial from freezer and scan barcode. Aseptically remove a single bead with a sterile needle.



2. Streak the bead over surface of an appropriate solid medium or drop into a liquid medium. Incubate as required.

For more information and the product video, please visit our website www.mast-group.com

CRYOBANK®

Features and benefits

- Bar-coded for full traceability. Suitable for use with all commonly available barcode readers.
- Stackable boxes.
- Simple to use procedure.
- Proven storage of a wide range of bacteria, yeasts and moulds over long periods.
- Suitable for use to -80°C.
- Supplied with picker for easy removal of cryovials.
- Colour coded beads and caps for easy recognition.
- External threaded tube reduce risk of contamination.
- Ideal for clinically important isolates and storage of ATCC/NTCC control strains for quality control.
- **CRYOBLOCK®** greatly enhances the stability of cultures and extends working time when they are removed from the freezer.
- Excellent stability data with proven efficacy.



Ordering Information

Order Code	Product
CRYO80/B	80 vials of blue beads
CRYO80/G	80 vials of green beads
CRYO80/R	80 vials of red beads
CRYO80/Y	80 vials of yellow beads
CRYO80/M	80 vials of mixed beads
CRYO/Z	CRYOBLOCK (18 place)
CRYO80/BOX	Empty plastic box with lid/cover

ZT206 v3.0 AH 0520

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