

CRYOBANK™ - Convenient Bead System

For Storing and Retrieving Bacterial Cultures

Easy-to-Use System for freezing bacterial cultures for later retrieval

- You can create and store multiple subcultures within minutes.
- Retrieving bacterial strains is so simple and provides you with a fresh culture each time, eliminating organism variation associated with repetitive sub-culturing.
- Low cost means of maintaining important ATCC controls and reference cultures.
- Offers significant cost savings compared with expensive lyophilized commercial cultures.
- Supplied in unique freezer storage boxes with printed grids allowing easy indexing and location of cultures.



Cryobank tubes contain a medium for suspending the bacterial culture and 25 color-coded ceramic beads. The suspending medium comprises tryptone soy broth supplemented with glycerol and sucrose.



CRYOBANK™ - convenient for any lab

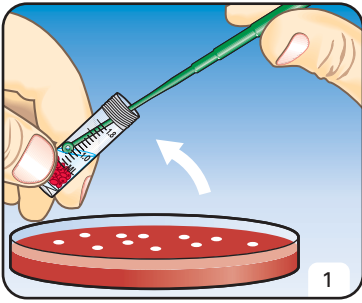
CRYOBANK™ is based on a cryovial system comprising chemically treated beads suspended in a special cryogenic preserving solution.

CRYOBANK™ offers a reliable, convenient and versatile system for storing and preserving fastidious bacteria over long periods. CRYOBANK™ is less expensive than lyophilization, repeated subculture or purchasing commercially available control organisms. CRYOBANK™ permits the easy establishment of culture collections for laboratory accreditation or research purposes.

Ready-to-use system that can be used by any microbiology laboratory including:

- Clinical
- Brewing
- Food
- Dairy
- Water
- Veterinary
- Pharmaceutical
- Biotechnology

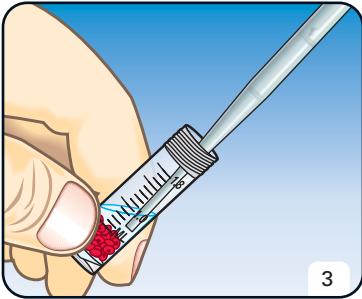
HOW-TO-USE



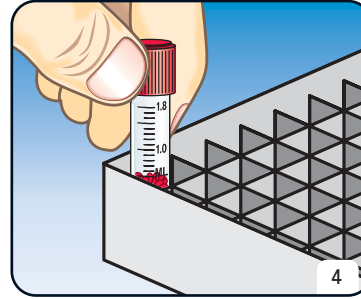
From a fresh 18 hours plate culture of bacteria, make a heavy, cloudy suspension of the organism in the CRYOBANK™ medium in the tube.



Mix the tubes by shaking and inverting the tube to allow the bacteria in the suspension to coat the beads

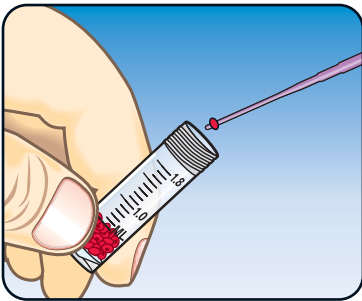


Using a sterile pipet remove the CRYOBANK™ medium from the tube.

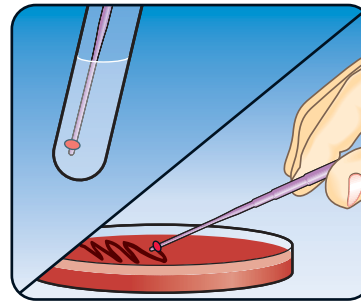


Immediately place the CRYOBANK™ tube in a -70°C freezer or under liquid nitrogen to store the culture.

RECOVERY



Remove the CRYOBANK™ tube from the freezer or liquid nitrogen container. Remove the cap of the CRYOBANK™ tube. Using forceps or a inoculating needle remove one bead.



Roll the bead over the surface of appropriate plate culture medium or drop the bead into a nutrient broth.

Immediately return the CRYOBANK™ tube with remaining beads to the freezer or liquid nitrogen storage container to prevent other beads from thawing.

ORDERING INFORMATION

Catalog No.	Description	Packaging
CRYO/R	Red Beads	64 vials
CRYO/G	Green Beads	64 vials
CRYO/Y	Yellow Beads	64 vials
CRYO/B	Blue Beads	64 vials
CRYO/M	Color assortment	64 vials
CRYO/Z	Cryoblock - 18 well	1 block

