The CRY-O-BACT system is ideal for storing culture collections for all laboratories using bacterial cultures. It is suitable for use in all areas including:

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

**Principle of Preservation**

Each CRY-O-BACT tube system contains 25 chemically treated beads in a supplemented cryogenic solution. Once the beads are inoculated, the tubes are stored in a freezer at a temperature between -20°C and -70°C. The CRY-O-BACT method of storage is economical, simple, convenient and it reduces the chances of organism variation associated with repeated subculturing.

**Unique Plastic Cryogenic Boxes.**

CRY-O-BACT tubes contain a medium for suspending the bacterial culture and 25 treated beads.

The tubes containing the treated beads and preserving solution are supplied in unique plastic storage containers.

**Special Features**

- 5 identification colours
- Silicon washer screw cap
- 25 or 100 tubes per plastic box
- Grid identification system
- Marking area
- Easy handling lid on the box

Nutri-Bact

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PREPARATION FOR STORAGE

Aseptically inoculate the CRY-O-BACT tube with colonies from a fresh 18-hour pure culture of bacteria. Be sure to make a heavy cloudy suspension of organism.

Using a sterile pipet, remove as much of the preserving solutions as possible and close the tube.

Immediately place the CRY-O-BACT tube in the appropriate place of the box and store the box in a -20°C to -70°C freezer to preserve the culture. Record the tube contents using the grid co-ordinates on the box. Optionally, the inoculated tube may be stored in a liquid nitrogen container.

RECOVERY

Take out the CRY-O-BACT tube from the freezer or liquid nitrogen container and open the tube. Using sterile forceps or a sterile inoculating needle, retrieve one bead from the preserving solution.

Streak the surface or roll the bead over the surface of a solid medium of choice and incubate. Optionally, the bead may be dropped into a nutrient broth. Return the CRY-O-BACT tube with the remaining beads to the freezer or liquid nitrogen to prevent thawing of the other beads.

ORDERING INFORMATION

CATALOG NO. | DESCRIPTION
--- | ---
25 TUBES   | COB-25R RED BEADS
          | COB-25G GREEN BEADS
          | COB-25Y YELLOW BEADS
          | COB-25B BLUE BEADS
          | COB-25W WHITE BEADS
          | COB-25M MIXED BEADS
100 TUBES  | COB-100R RED BEADS
          | COB-100G GREEN BEADS
          | COB-100Y YELLOW BEADS
          | COB-100B BLUE BEADS
          | COB-100W WHITE BEADS
          | COB-100M MIXED BEADS