

Opening the vial and reviving culture for the anaerobic bacteria

Requirements for conducting these procedures in a sterile environment:

1. Sterilize the outside of the vial by wiping 70% alcohol. Heat the tip of the outer vial in the flame. ◦
2. Squirt a few drops of water on the hot tip to crack glass. Strike with file to remove tip.
3. Remove the insulation and inner vial with forceps. Gently raise cotton plug.
4. Using a sterile Pasteur pipette, add 0.3 to 0.5 ml of suitable rehydration fluid into the vial. Pipetting several times to mix well.
5. Transfer the total mixture to a vial containing the recommended liquid medium. Incubate cultures under the appropriate conditions for few days. The culture medium will become turbidity means the strain is growing. ◦
6. The culture medium should be filled with carbon dioxide to keep the anaerobic environment since opening the vial.
7. If a culture is unsatisfactory, or having questions about a culture after culturing for a week, please notify BCRC within a month so that the strain in question can be investigated.
8. Store freeze-dried cultures at 4°C if they are not immediately rehydrated