

ACTICULT® 3R

Supplied material

Active culture: Petri dish or slant labelled with the name and CECT accession number of the microorganism (1 unit). Keep it in the dark and at a constant temperature, preferably at 4°C. Stored in optimal conditions, the culture should be viable and pure until the date indicated on the box, and on the Certificate of Analysis.

Preservation vials: Micro tubes with screw cap containing 1 ml of protective solution (3 units).

Important

Before starting, browse the CECT on-line catalogue (www.uv.es/cect) to check the recommended media and the incubation parameters (growth temperature, anaerobic conditions...).

Prepare the reserve stocks immediately after reception of the parcel.

Instructions

1. A) Bacteria, yeast and sporulated filamentous fungi. Scrape an amount of culture equivalent to the size of a rice grain with a sterile loop. Place the culture inside each preservation vial and mix gently until complete homogenization.
B) Non-sporulated filamentous fungi. Cut agar blocks (0.5 cm x 0.5 cm) with the vegetative mycelium and place 4-5 of these blocks inside each preservation vial.
2. Maintain the preservation vials for 15-20 minutes at room temperature or at 4°C.
3. Store the vials at -20°C or lower temperatures until use. Under the recommended conditions, vials should be viable for at least 6 months as of the preparation date.

Recovery of preservation vials

1. Thaw the vial quickly in a bath at 37°C for 30 sec.
2. A) Bacteria, yeast and sporulated filamentous fungi: Use several drops of the suspension to inoculate an agar Petri dish or a slant of the recommended medium and transfer the rest to a tube with 5-10 ml of the same medium in liquid form.
B) Non-sporulated filamentous fungi: Using a sterile loop, place the fungus in contact with the agar medium.
3. Subculture at least once before using the culture as a working strain.