

BUG TRAP - Bacteria isolation kit

100 isolations

Cat. No: BT1-100

Contents: 4 tubes with blue lid: 1.0 ml of Bacterial Binding Beads
2 bottles of 50 ml Binding Buffer

Not supplied with the kit: magnet and ethanol

Storage: The contents of this kit should be stored at 4°C.

Preparations: Allow the contents of the kit come to room temperature before use.
Resuspend the beads before use.

Protocol – extraction of bacteria from complex samples:

1. Add 40 µl (2 mg/ml) Bacteria Binding Beads (blue lid) and 500 µl BW Buffer to a 1.5 ml microcentrifuge tube.
2. Add 100 µl culture, mix by pipetting gently and leave the tube at room temperature for 10 min.
3. Place the tube in a magnetic separator. Allow the bacteria/bead complex to move to the side of the tube. Carefully discard the supernatant by pipetting.
4. Separate the magnet from the tube. Add 250 µl BW Buffer. Distribute the bacteria/bead complex evenly in the buffer by shaking the tube gently.
5. Recombine the magnet and the tube. When the supernatant has cleared, carefully pipette off and discard the supernatant.
6. Repeat step 4 and 5.
7. Resuspend the bead/bacteria complex in sdH₂O (or a solution of choice) in a volume considered appropriate for further applications.