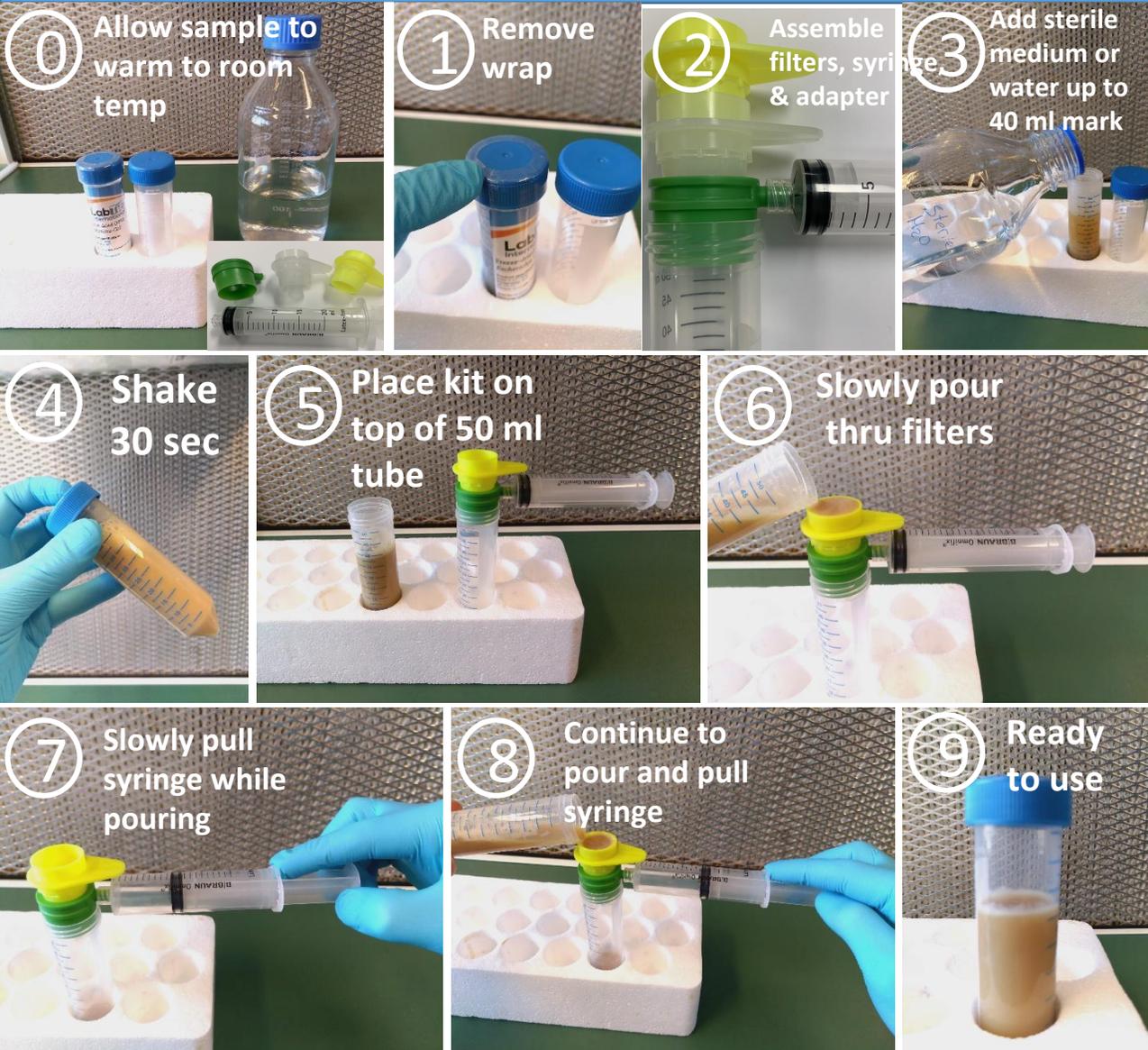
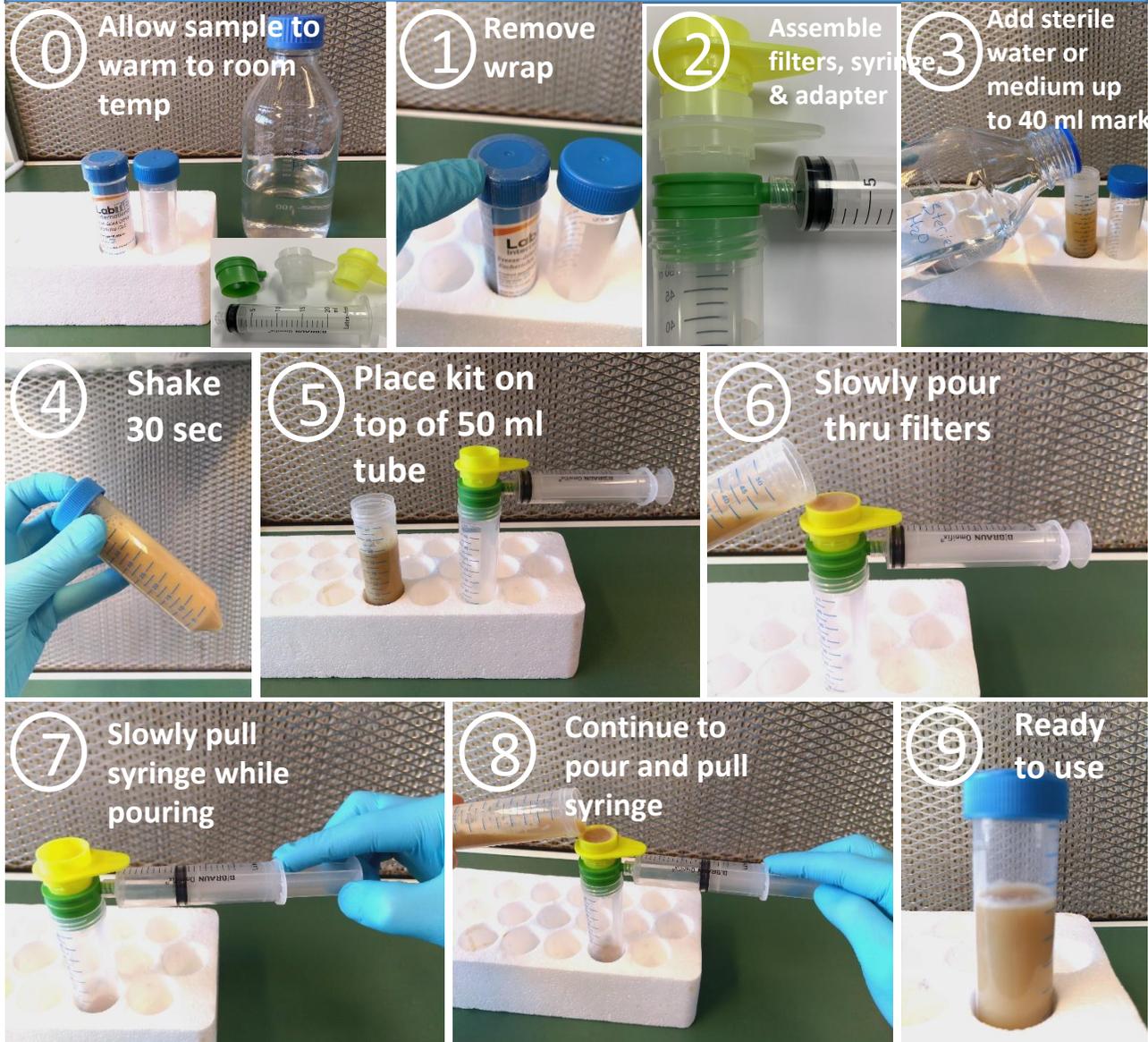


Preparation of LabTIE Freeze-dried OP50



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Product Specifications

Strain: *E. Coli* OP50

Storage Temp: -20C

pH: 6.8-7.5

Content: $1e+12$ cells, where $5e+8$ viable

Shelf Life: 28 October 2020

Batch Code: LT20191028

Seeding NGM Plates

1. Remove the seal and place in a sterile environment. Allow vial to warm to room temperature (~20 min).
2. Aseptically add sterile demineralized water to 40 ml mark.
3. Mix thoroughly for 30 sec and allow bacteria to rehydrate for at least 5 min at room temp.
4. Your OP50 is now ready to use!

Use 500uL OP50 solution for each 60mm NGM plate and allow to dry in flow cabinet.

250mL Liquid Culture

1. Remove the seal and place in a sterile environment. Allow vial to warm to room temperature (~20 min).
2. Aseptically add S-medium to 40 ml mark.
3. Mix thoroughly for 30 sec and allow bacteria to rehydrate for at least 5 min at room temp.
4. Your OP50 is now ready to use!

Transfer the OP50 solution to fresh S-medium bringing up to a total volume of 250mL.