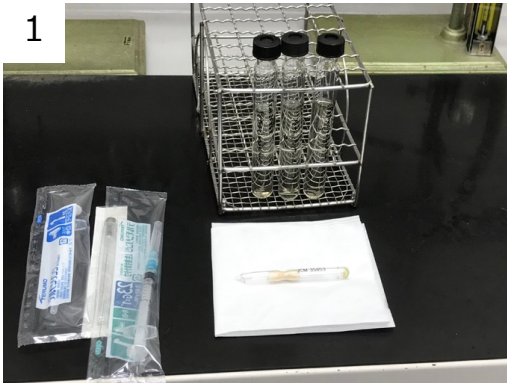
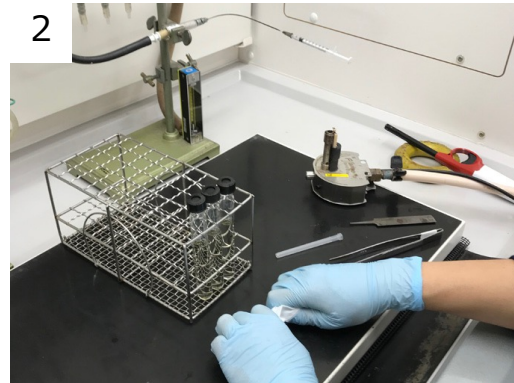


Revive from an L-dried ampoule of an anaerobic strain

This is to illustrate how strains of aerotolerant anaerobic bacteria preserved by the L-drying method (drying from a liquid-state) are re-suspended in liquid cultures at the anaerobic gassing station of JCM.



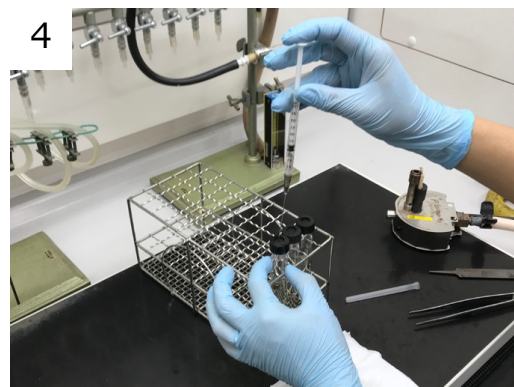
1 Prepare three anaerobic culture tubes (No. 1 to No. 3 tubes, 5-10 ml medium for each). Two disposal plastic syringes will be used (one with a 70 mm long needle).



2 Crack open the ampoule as usual. Flush the long-needle syringe several times with sterile, oxygen-free gas by drawing in and expelling gas.



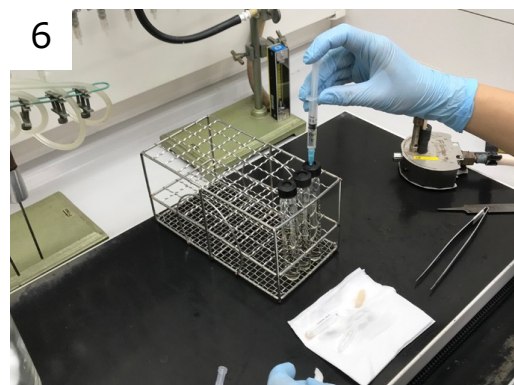
3 With the long-needle syringe, remove 0.3 to 0.5 ml medium anaerobically from No. 1 tube to the bottom of the ampoule. Slowly suspend cells in liquid culture by drawing in and expelling the liquid medium without make bubbles.



4 Remove and inoculate the cell suspension into the medium of No. 1 tube carefully to avoid inoculating air.



5 Using another syringe flashed with sterile oxygen-free gas, transfer a certain amount of the cell-suspension (e.g., 0.5-1.0 ml) from No. 1 tube to No. 2 tube.



6 Likewise, transfer a certain amount of the cell-suspension from No. 2 tube to No. 3 tube. Incubated all the culture tubes at the designated temperature.