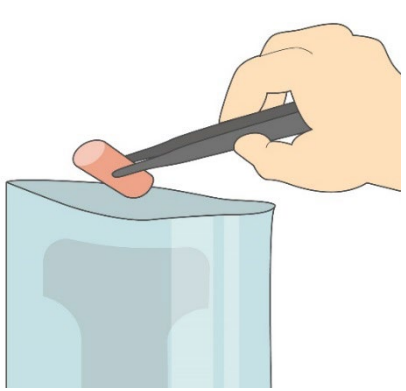
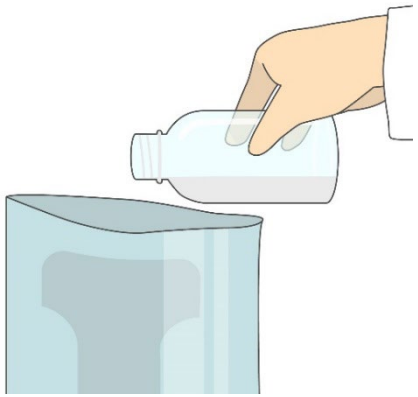
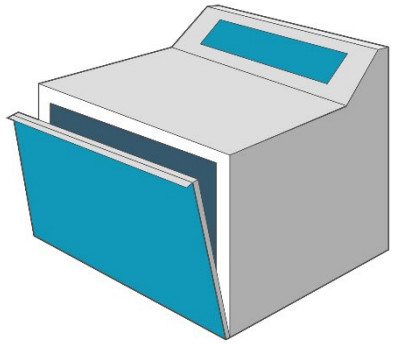
Compact Dry LS Illustration Manual

Shimadzu Diagnostics Corporation

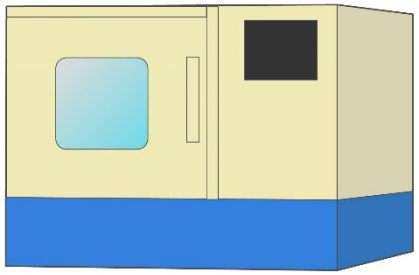




Weigh 50g solid sample
and add 450mL BPW to the sample.

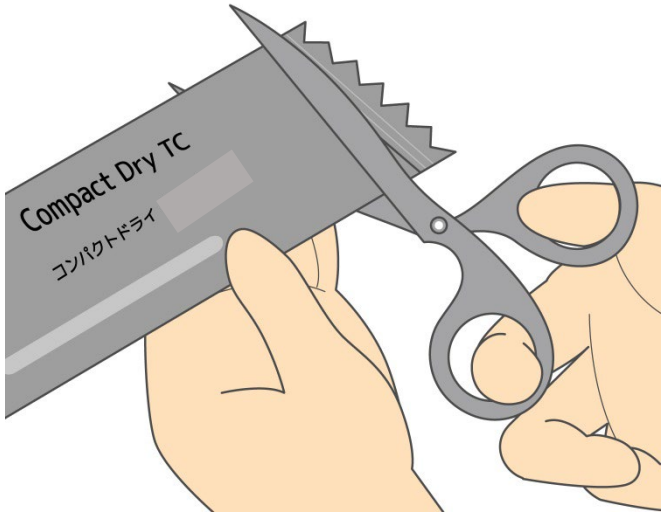


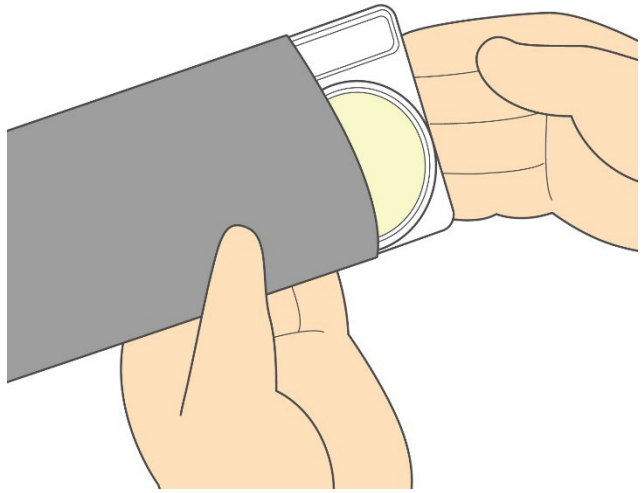
Homogenize this mixed sample by a blender

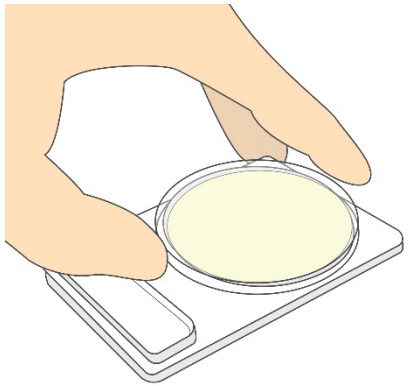


Resuscitation step at 20℃(1hr) for
effective recover of *Listeria*

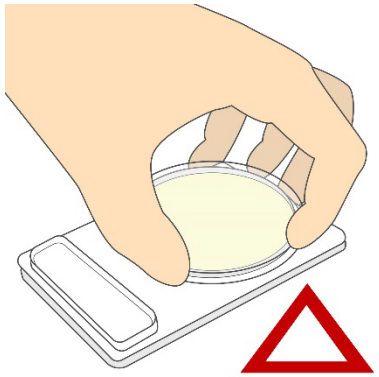
Open aluminum bag, and take out a set of 4 plates.

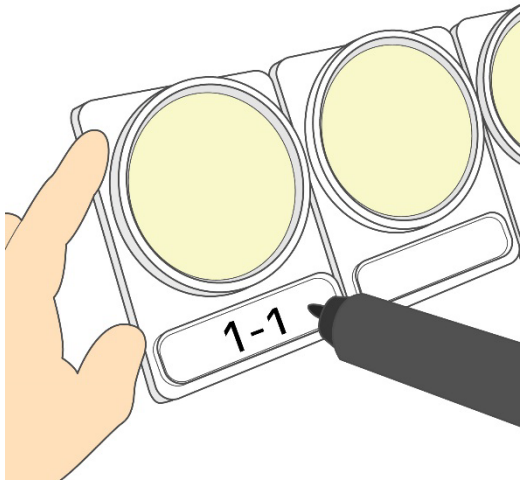




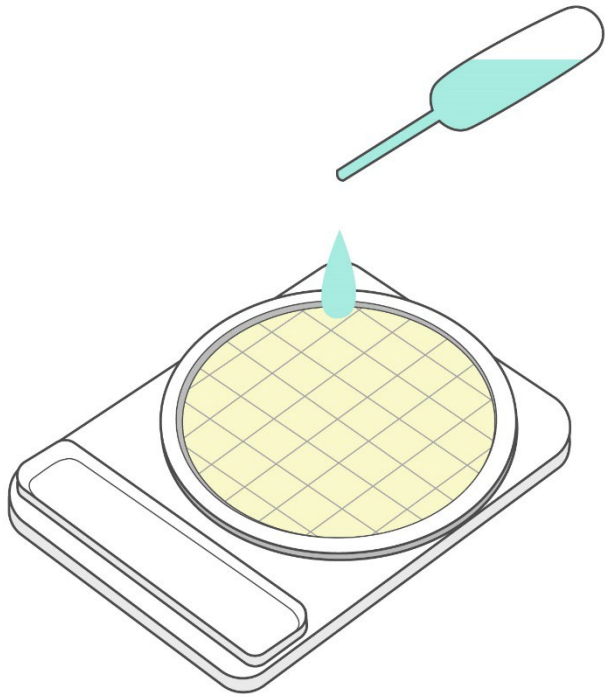


Take off the cap of the plate

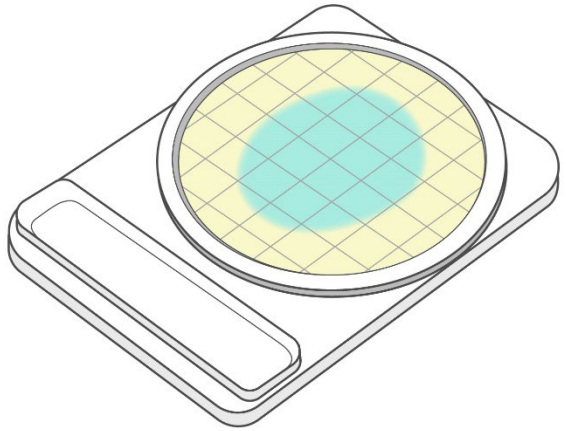




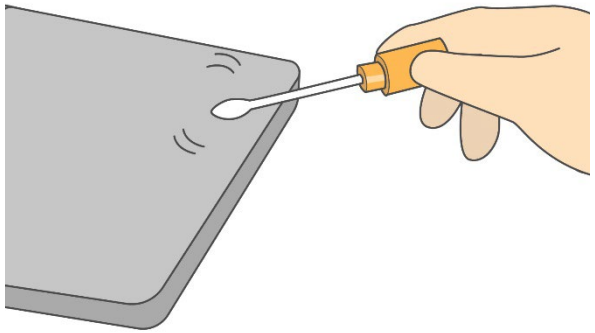
Write the appropriate information on the memorandum section.

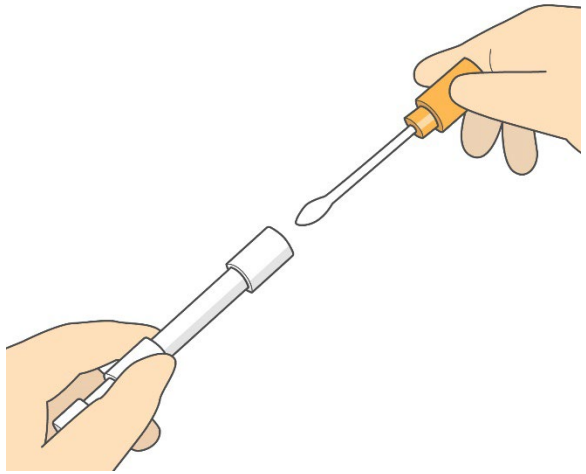


Pipette 1ml of homogenized specimen (to be further diluted if necessary) in the middle of dry sheet of Compact Dry LS.

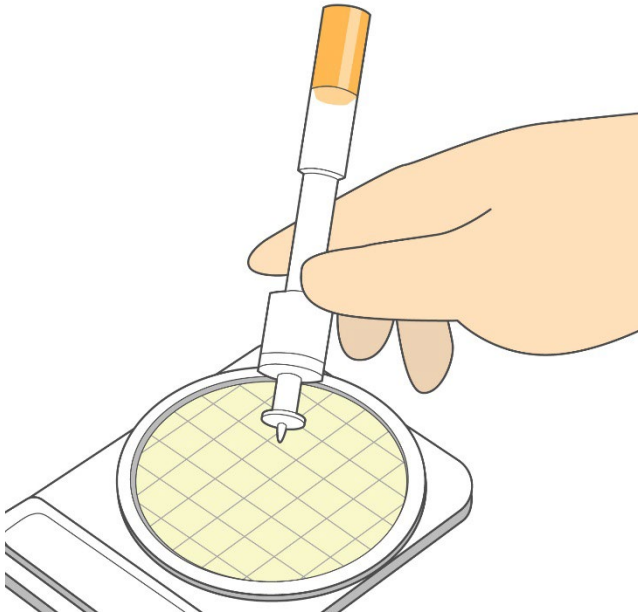


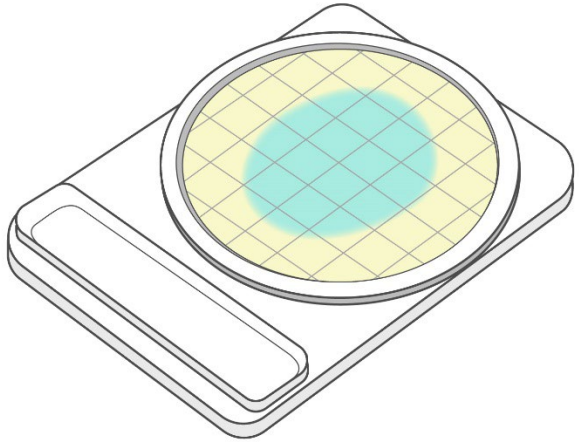
Specimen diffuses automatically and evenly into all over the sheet (total medium of 20 cm2) to transform it into gel within seconds.



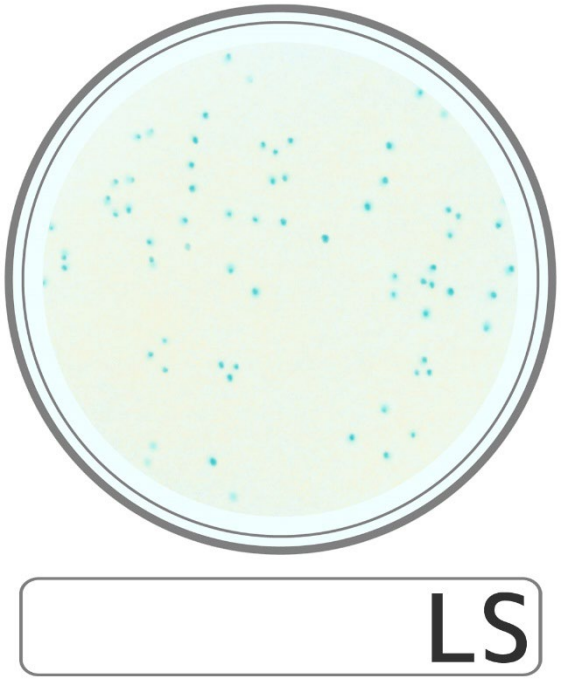


Viable count in swab test sample





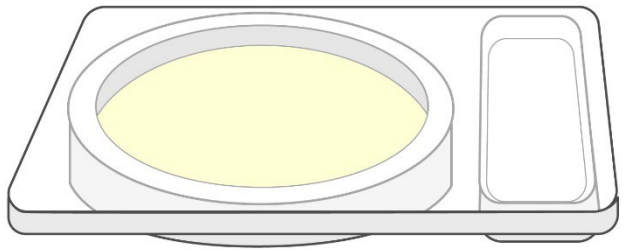
Inoculate 1 ml of wiping solution (to be diluted if necessary), which is obtained from cotton swab,



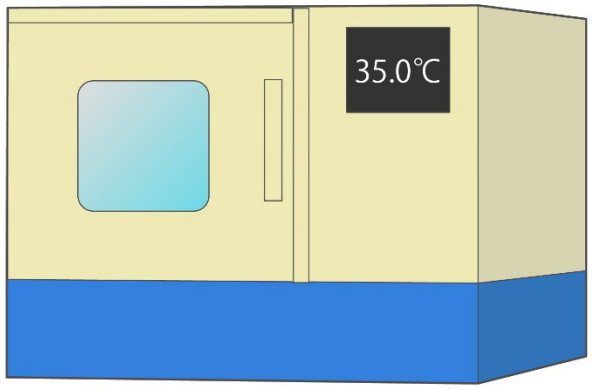
Listeria species form Light blue/ Blue colonies of 1-2 mm in diameter.

Detection limit of Compact Dry LS is between 1 – 300 cfu/plate.

From backside of the plate, count the number of colored colonies appeared in the medium.
White paper placed under the plate can help to count colonies easier.



Turn over the plate capped



put in an incubator.
Incubate for 24+-2 to 48 +-3 hours
at 35 or 37 +-1 ℃.