CompactDry “Nissui” LM Procedure for Detection Illustration Manual
Weigh 50g solid sample and add 450mL half-Fraser broth to the sample.

Homogenize this mixed sample by a blender.

Incubate at 30 + 1°C for 25 + 1 hours for enrichment culture.
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.
Drop 0.1 mL of enrichment culture in the middle of the sheet.

Streak the sheet with the inoculum from top to bottom by a loop softly and spread it over the whole of the sheet in order to get single colonies.

drop 1 ml of a sterilized diluent (ex. saline) in the middle of a dry sheet to transform the whole of the sheet to gel.
Turn over the plate capped put in an incubator.
Incubate 24 + 2 hours at 37 + 1 °C.
If colonies of presumptive L. monocytogenes are evident, the incubation may be stopped at this stage.
If they are not evident, incubate for additional 24 + 2 hours at 37 + 1 °C.
Interpret red colonies with or without blue surrounds for presumptive L. monocytogenes.

If presumptive colonies of L. monocytogenes are observed, perform confirmation tests by ISO11290-1:2017, ISO11290-2:2017 or other methods.

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.