CompactDry™
Simple and Easy Dry Media for Microbial Count and Detection

COMPACTDRY LM

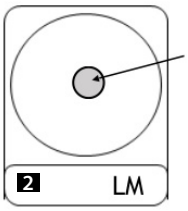
English instructions

Storage up to 30°C

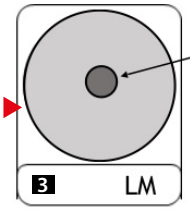

18 months

Sample preparation for LM detection

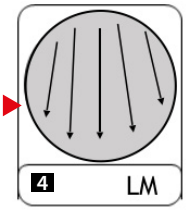
Detection in solid/ liquid foodstuff and water
Add 9 times volume of half-Fraser broth to the sample and homogenize. Incubate at 30 +/-1 °C for 25 +/-1 hours to enrich the culture.
Viable count in swab test specimen
Add 1mL of wiping solution to 9 mL of half-Fraser broth. Incubate at 30 +/-1°C for 25 +/-1 hours to enrich the culture.



Dispense 1 mL of sterilized diluent in the centre of the plate



Dispense 0.1 mL of enrichment culture in the centre of the plate



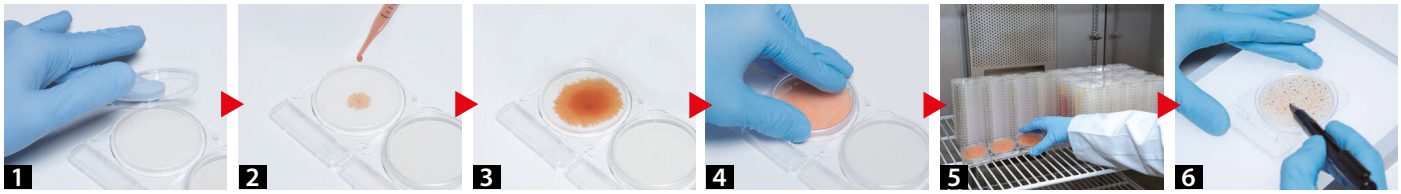
Streak the inoculum gently from top to bottom using a loop. Spread it over the entire plate surface.

CompactDry Protocol

1 Open the cap **2** dispense 1 mL of sterile diluent (e.g. saline) on the middle of the CompactDry plate. **3** Pipette 0.1mL of enriched culture in the middle of the plate. **4** To achieve single colonies, streak the inoculum gently from top to bottom using a loop. Spread it over the entire plate surface. **5** Replace the cap, label and turn the plate over. **6** Incubate for the required time and temperature. Following incubation, count the number of coloured colonies.

Preparation for enumeration

Viable count in water or liquid foodstuff
1 mL of sample (diluted if necessary) deposited on the LM CompactDry plate.
Viable count in solid food
Add 9 part of buffered peptone water to 1 part of food sample and homogenize by stomacher®. 1 mL of sample (diluted if necessary) be dispensed in the middle on the LM CompactDry plate.
Viable count in swab test aspecimen
Use the swab to wipe the surface, put the swab back into the tube and screw tightly. Shake the tube to mix. 1 mL of sample (diluted if necessary) is dispensed in the middle on the LM CompactDry plate.



Incubation temperature 37 +/-1 °C
Incubation time 24 ±2 hours plus a further 24 ±2 hours

Interpretation-Detection/Enumeration
Listeria monocytogenese form red colonies with or without blue halo. If colonies of L. monocytogenes are observed, perform confirmation tests by ISO11290-1:2017, ISO11290-2:2017 or other methods.

General information
Listeria ivanovii also forms red colonies with or without blue halo. Other Listeria spp. form blue/green colonies.
Bacteria other than Listeria spp. are inhibited by selective agents in the medium and do not form coloured colonies if they do grow. Rarely some Bacillus spp. may form relatively large, flat/orange colonies.
The growth area is 20 cm². Use the 1 cm² grid to ease colony counting.
High concentrations cause the entire growth area to become red coloured. In this case dilute the sample.
After use please follow local disposal regulations.

Storage and shelf life
Keep at room temperature (+1 to +30 °C). Shelf life 18 months after manufacturing.

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