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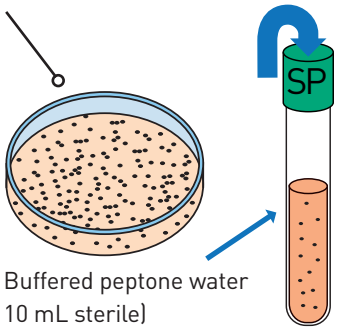
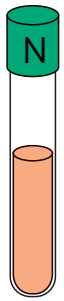
QUICK REFERENCE CARD

Creating a *Salmonella* culture serial dilution



Inoculate broth with fresh *Salmonella* colony from agar plate or from frozen stocks

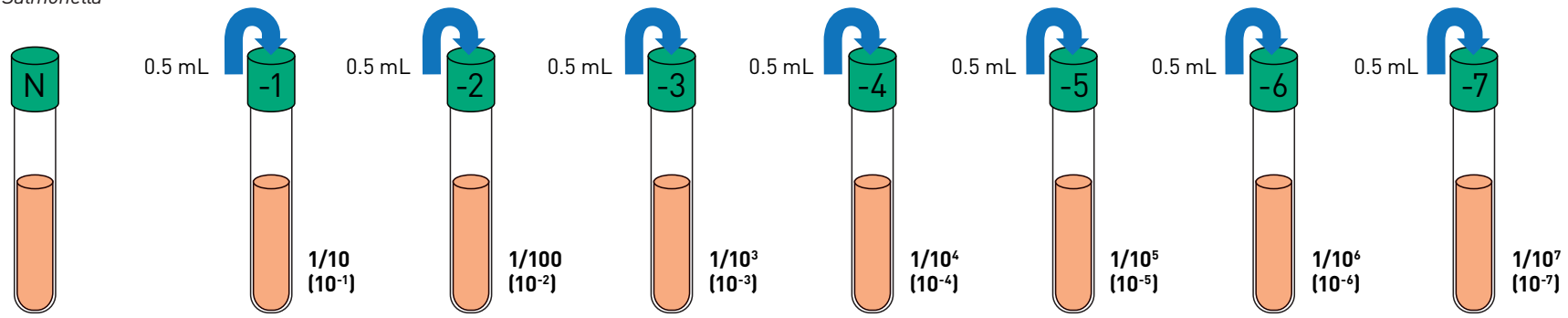
Incubate inoculated broth statically overnight (18–24 hr) at 37°C



Use this fresh *Salmonella* culture to prepare spikes by following serial dilution procedure in 7 x 4.5 mL PBS below

Overnight culture of *Salmonella*

7 sterile tubes (e.g., plastic bijoux) each containing 4.5 mL sterile PBS

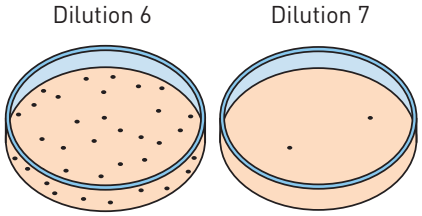


Starting with the fresh overnight *Salmonella* culture and using sterile technique, pipette 0.5 mL from each tube into the next sterile PBS tube. After liquid transfer, secure cap and mix well before taking next 0.5 mL. Change pipette tip between transfers.

Spread plate 100 µL

Plate 2 x 100 µL from dilutions 6 and 7 only onto 2 well-dried agar plates (e.g., XLD or TSA)

Incubate plates and count colonies next day



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