

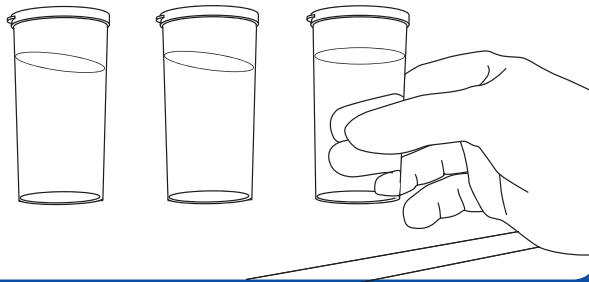
# Membrane Filtration for Epower™ E3 and Epower™ E3 CRM

## ILLUSTRATED INSTRUCTIONS

Water testing is easy when you use Epower™ E3 or Epower™ E3 CRM for the membrane filtration method. Simply, choose a positive and negative control for your application. The positive control will yield 10 to 99 colonies on nonselective agar. Selective agar may recover fewer colonies.

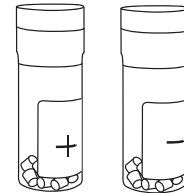
1

Pre-warm three 99 ml vessels of phosphate buffer or sterile water to 34°C -38°C (approximately one hour).



2

Allow unopened vials of lyophilized pellets (positive and negative controls) to equilibrate to room temperature (thirty minutes).



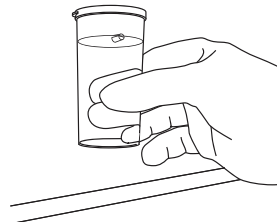
3

With sterile forceps, transfer one pellet of the positive control to one vessel and one pellet of the negative control to another vessel. Label appropriately. Do not remove desiccants. Immediately stopper, recap and return vials to 2°C-8°C.



4

Incubate hydrated material at 34°C-38°C.



5

Mix each vessel of hydrated material until a homogeneous suspension is achieved.



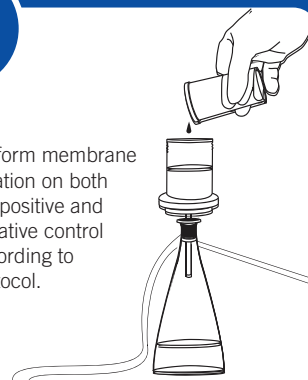
6

Using a sterile pipette, transfer 1.0 ml from the positive control to the remaining vessel. Mix. Discard the original vessel containing the positive control.



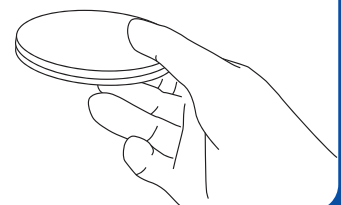
7

Perform membrane filtration on both the positive and negative control according to protocol.



8

Transfer the filter to an agar plate. Incubate according to your SOP. The positive control will recover 10-99 CFU on nonselective agar.



A safer, healthier world.