

HOW TO USE COLILERT®-18

Quantification Test Procedure with Quanti-Tray®

#1



Carefully remove snap pack from the strip, open and add the reagent to a 100ml water sample in a sterile, vessel. Aseptically cap and seal the vessel and shake until dissolved. **Caution: Do not touch the opening of the pack or vessel.**

#2



Pour into Quanti-Tray® (counts <1-200 MPN/100ml) or Quanti-Tray®/2000 (counts from <1-2419 MPN/100ml).

#3



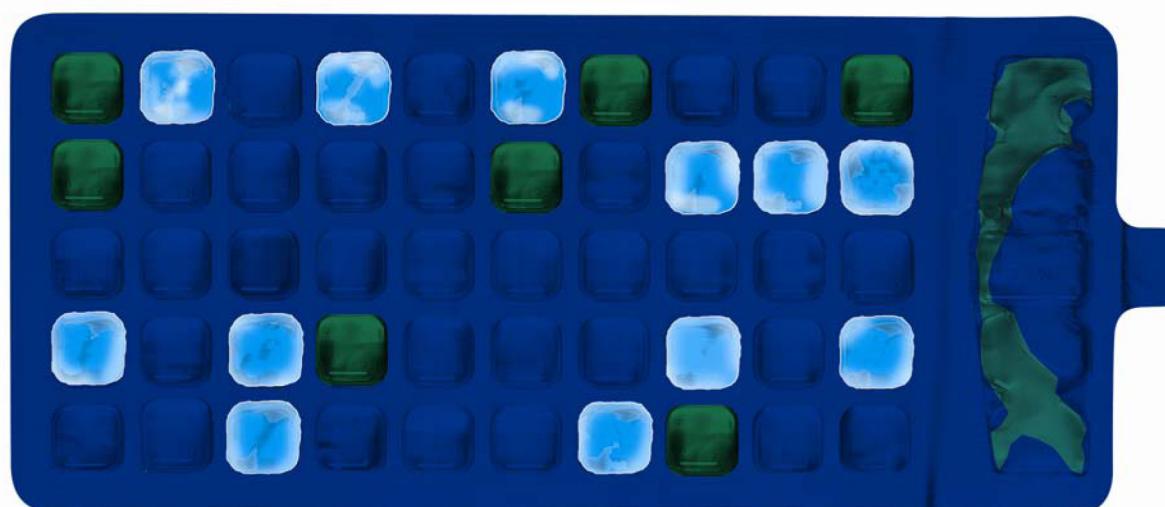
Seal in Quanti-Tray® sealer and place in incubator for 18 hours at $35 \pm 0.5^{\circ}\text{C}$ (or according to local regulation).

#4



Read Quanti-Tray® Results . Yellow wells= confirmed Total coliforms count number of positive wells (including overflow well) and refer to MPN table. **Note: Count large and small wells independently when working with Quanti-Tray® -2000**

#5



Read Quanti-Tray® Results . Yellow and Fluorescent wells= confirmed *E. Coli*. Count number of positive wells (including overflow well) and refer to MPN table. **Note: Count large and small wells independently when working with Quanti-Tray® -2000**

Read the results at 18 hours (but no later than 22 hours) compare each result to a comparator.

- If no yellow colour is observed, the sample is negative for coliforms and *E. Coli*.
- If the sample has a yellow colour \geq comparator, the sample is confirmed positive for coliforms
- If yellow colour is observed, check Quanti-Tray® for fluorescence by placing a 6 watt 365 nm UV light 5 inches (13cm) from the sample in a dark environment. If fluorescence is \geq to the comparator the sample is confirmed positive for *E. Coli*.

Be sure the light is facing away from eyes.