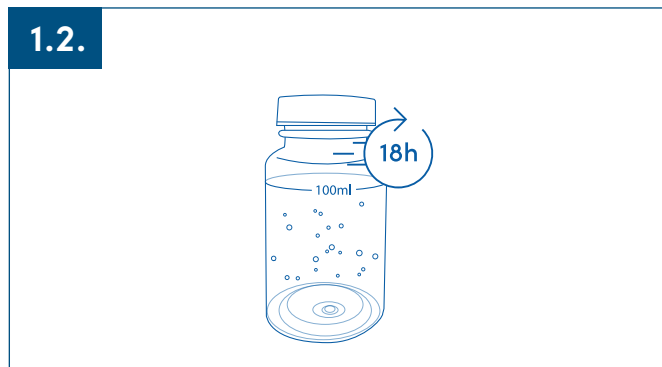
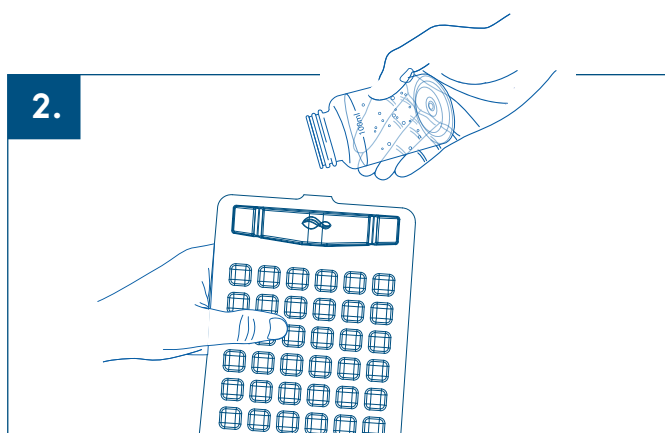




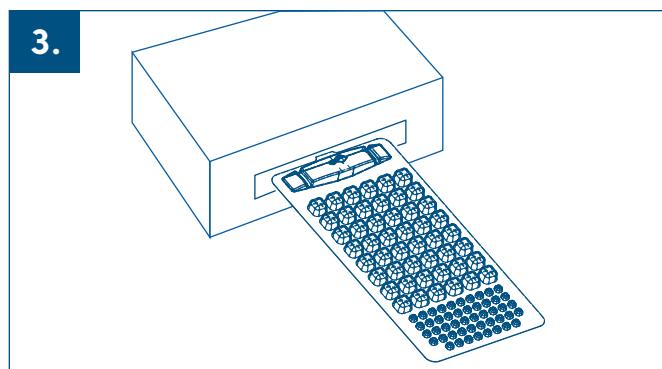
**Presence/ Absence:** Add 1 bag of COLIKAT RAPID® to 100 ml of water sample. Close the sample vessel and shake until the reagent dissolves.



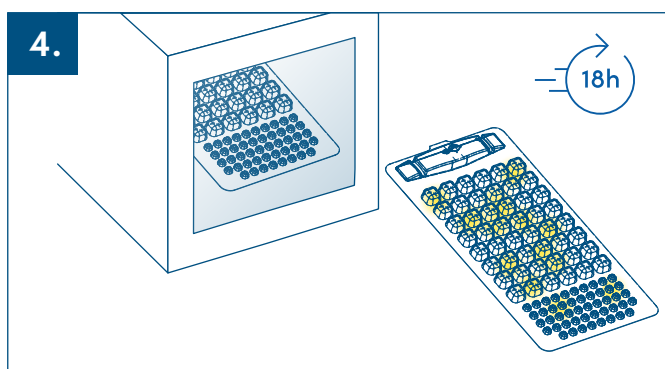
For presence/absence testing incubate the closed vessel for 18–22 hours at  $36^{\circ}\text{C} \pm 2^{\circ}\text{C}$  and read-off the result. The vessels should have room temperature before incubation. If turned yellow coliforms are present. If it shows fluorescence under UV-light *Escherichia coli* is present.



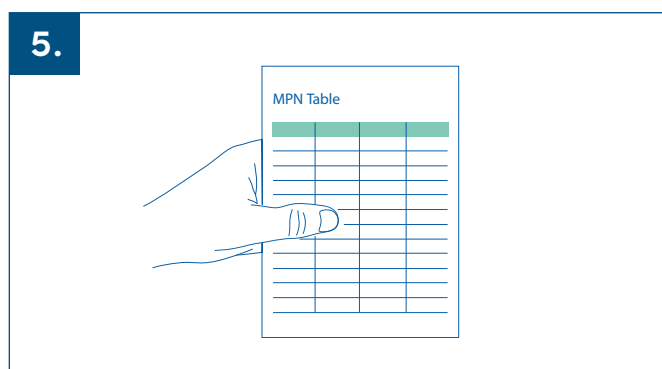
**Quantification:** For quantitative testing pour the 100 ml sample into the COLIKAT Enumeration Tray. COLIKAT RAPID® turned yellow coliforms are present. If it shows fluorescence under UV-light *Escherichia coli* is present.



Seal the COLIKAT Enumeration Tray with the COLIKAT Seal applicator or another enumeration tray sealing device.



Incubate the sample 18–22 hours at  $36^{\circ}\text{C} \pm 2^{\circ}\text{C}$ . Count the yellow wells of COLIKAT Enumeration Tray (= coliforms). Count the yellow wells of the COLIKAT Enumeration Tray that show fluorescence under a UV light (365nm) in a dark environment (= *Escherichia coli*).



Transform the count results to the number of CFU in the sample by using the MPN table in the appendix to EN ISO 9308-2.

**Additional notes:**

- Shelf life: 24 month. Shelf life after initial opening: 6 month.
- The color of the sample can change slightly after addition of the COLIKAT RAPID® reagents.
- Please note that stationary regulation might defer from the procedure described in these instructions of use.
- COLIKAT RAPID® normally does not show foam forming. In the unlikely event of excess foam forming use an Antifoam Agent.
- COLIKAT RAPID® can be used to determine the MPN using a standard MPN-multiple tube format.
- Quality control for COLIKAT RAPID® is carried out according to EN ISO 11133 an EN ISO 9308-2.
- Always follow aseptic working techniques. Dispose according to local rules and legislation.