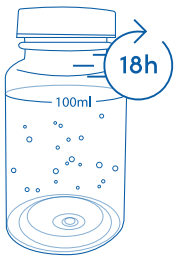
COLIKAT RAPID®
Instructions for use

COLIKAT RAPID

1.

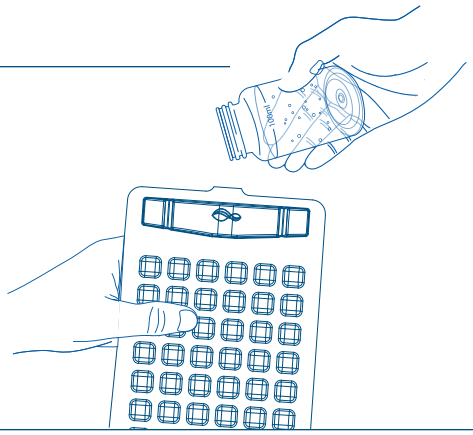
Presence/ Absence: Add 1 bag of COLIKAT RAPID® to 100 ml of water sample. Close the sample vessle and shake until the reagent dissolves.

1.2.



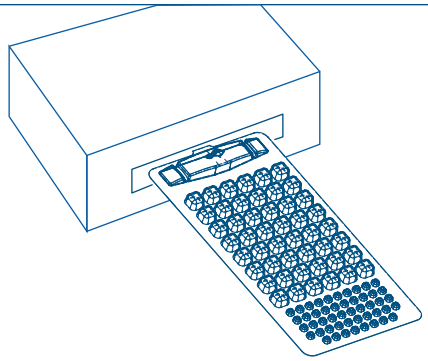
For presence/absence testing incubate the closed vessel for 18-22 hours at 36°C ± 2°C and read-off the result. The vessels should have room temperature before incubation. If turned yellow coliforms are present. If it shows fluorescence unter UV-light *Escherichia coli* is present.

2.



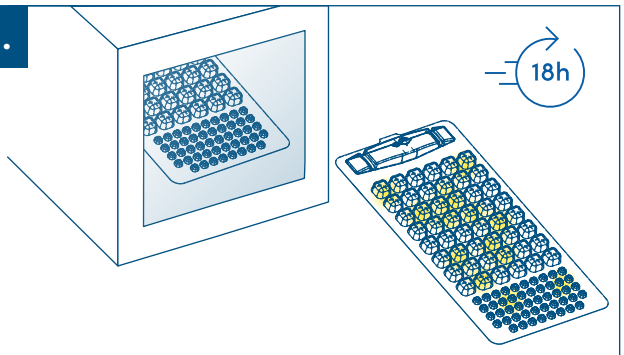
Quantification: For quantitative testing pour the 100 ml sample into the COLIKAT Enumeration Tray. COLIKAT RAPID® turned yellow coliforms are present. If it shows fluorescence under UV-light *Escherichia coli* is present.

3.



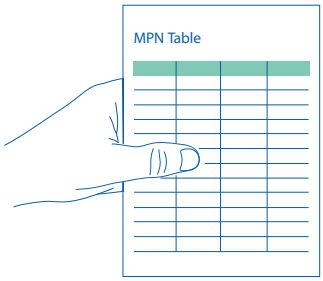
Seal the COLIKAT Enumeration Tray with the COLIKAT Seal applicator or another enumeration tray sealing device.

4.



Incubate the sample 18-22 hours at 36°C ± 2°C. Count the yellow wells of COLIKAT Enumeration Tray (= coliforms). Count the yellow wells of the COLIKAT Enumeration Tray that show fluorescence under an UV light (365nm) in a dark environment (= *Escherichia coli*).

5.



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:

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