

HOW TO USE COLILERT®

Presence/Absence Test Procedure

#1

Carefully separate one Snap Pack from the strip, taking care not to accidentally open adjacent pack.



#2

Open one pack by snapping back the top at the scoreline as shown. **Caution: Do not touch the opening of pack.**

Add the reagent to a 100 ml water sample in a sterile, transparent, non-fluorescent vessel.



#3

Aseptically cap and seal the vessel and then shake until dissolved.



#4

Incubate for 24 hours at 35° ± 0.5°C.



#5



Read the results at 24 hours. Compare each result against the comparator dispensed into an identical vessel.

- If no yellow color is observed, the sample is negative for total coliforms and *E. coli*.
- If the sample has a yellow color equal to or greater than the comparator, the presence of total coliforms is confirmed. If color is not uniform, mix by inversion, then recheck.
- If the sample is yellow, but lighter than the comparator, it may be incubated an additional 4 hours (but no more than 28 hours total). If the sample is coliform positive, the color will intensify. If it does not intensify, the sample is negative.
- If yellow is observed, check vessel for fluorescence by placing a 6 watt 365 nm UV light within five inches of the sample in a dark environment. Be sure the light is facing away from your eyes and towards the vessel. If fluorescence is greater or equal to the fluorescence of the comparator, the presence of *E. coli* is confirmed.

These test reactions should be seen in Colilert:



COLORLESS

Negative for total coliforms and *E. coli*.

YELLOW

Positive for total coliforms.

FLUORESCENT*

Positive for *E. coli*.
* Use 365nm UV lamp

For more information,
please call

1-800-321-0207

COLILERT®
from IDEXX
The New S standard