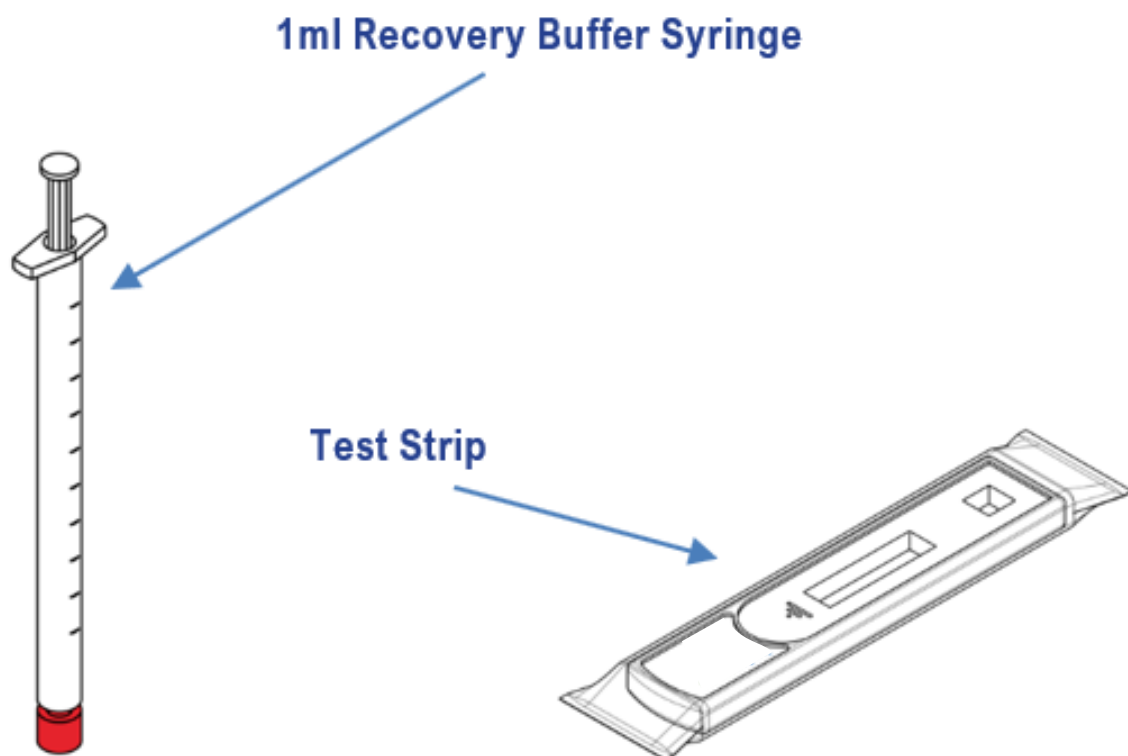
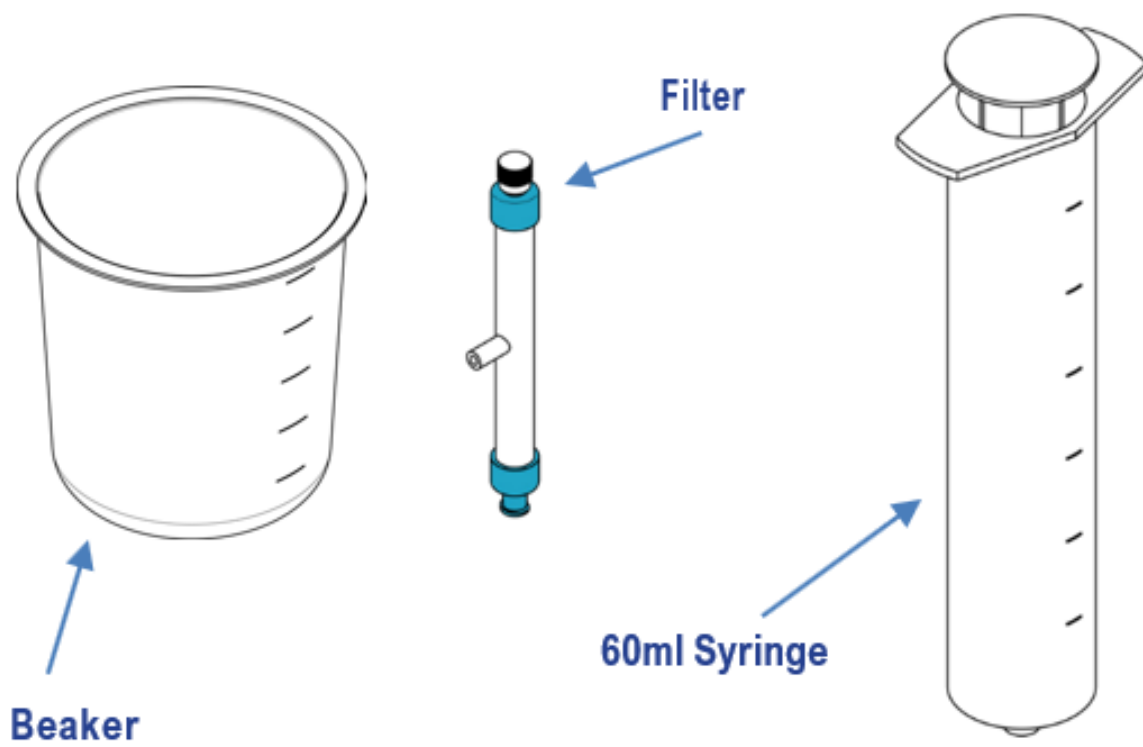


Legionella Water Test Kit Instructions

Part#: DS301005

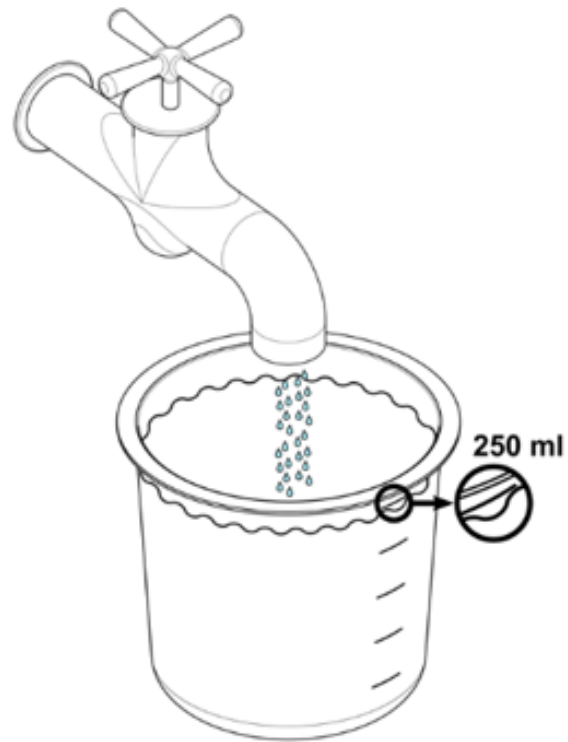


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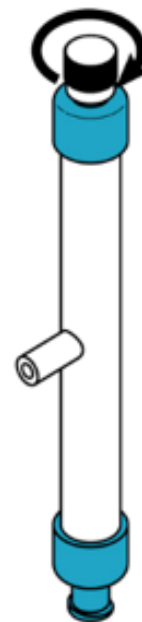
1

Collect 250ml of water from any water source using the beaker.



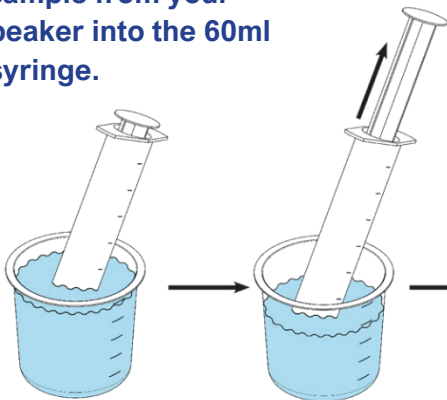
2

First, take the filter from its packaging and tighten the end cap.

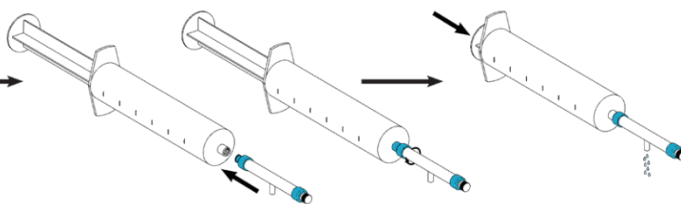


3

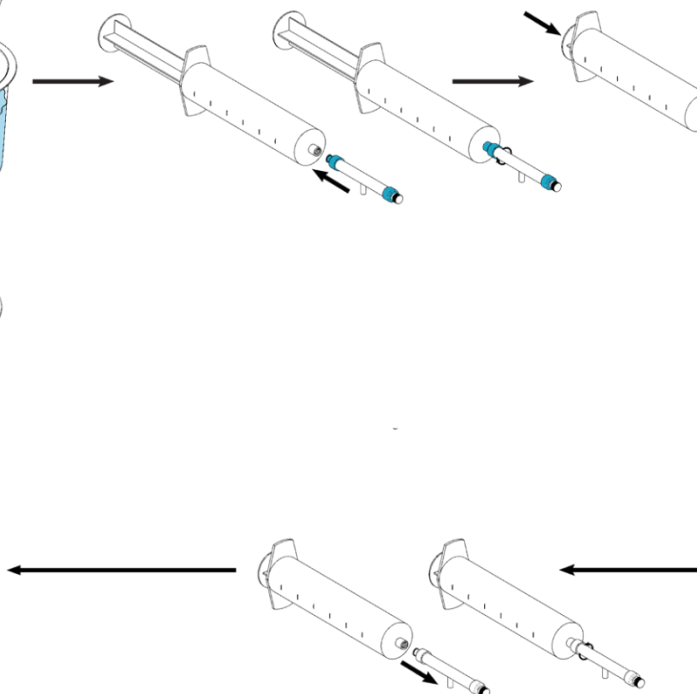
Draw 50 to 60ml of sample from your beaker into the 60ml syringe.



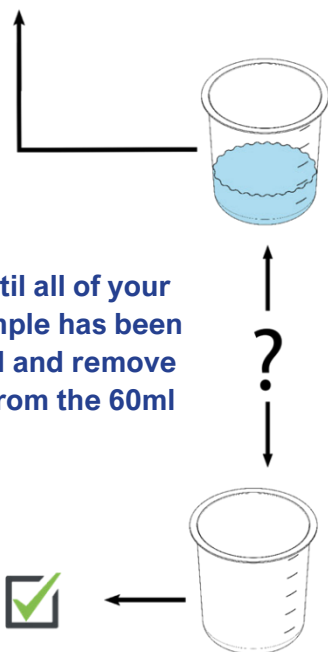
Screw the filter onto the 60ml syringe.



Pass the sample through the filter into a sink or wastewater outlet.

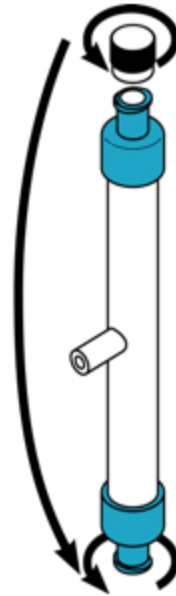


Repeat until all of your 250ml sample has been processed and remove the filter from the 60ml syringe.



4

Remove the end cap from the filter and place it on to the opposite end of the filter.

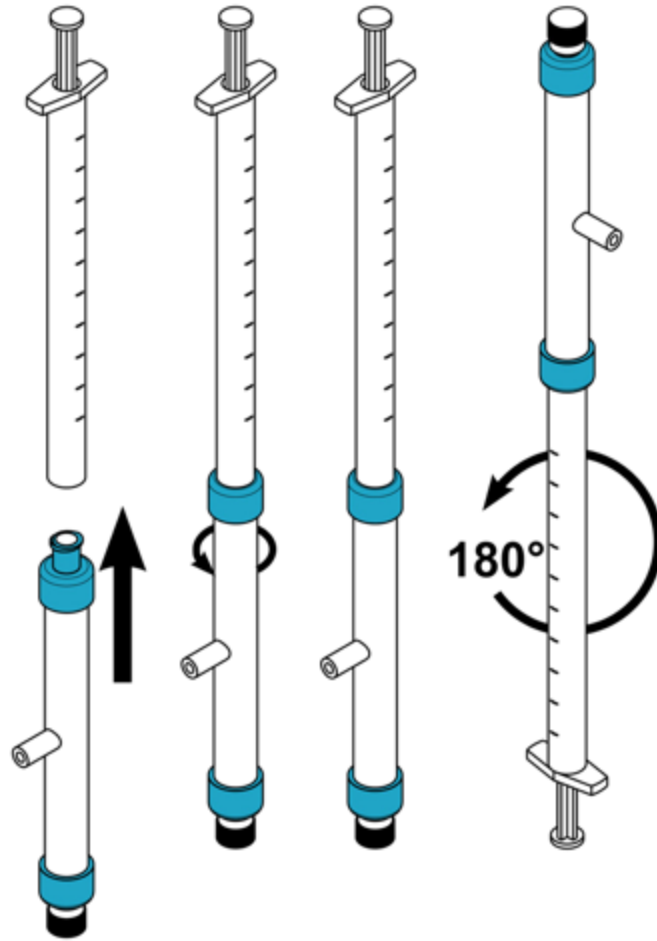


5

Take the 1ml recovery buffer syringe from the kit. Remove the red cap.

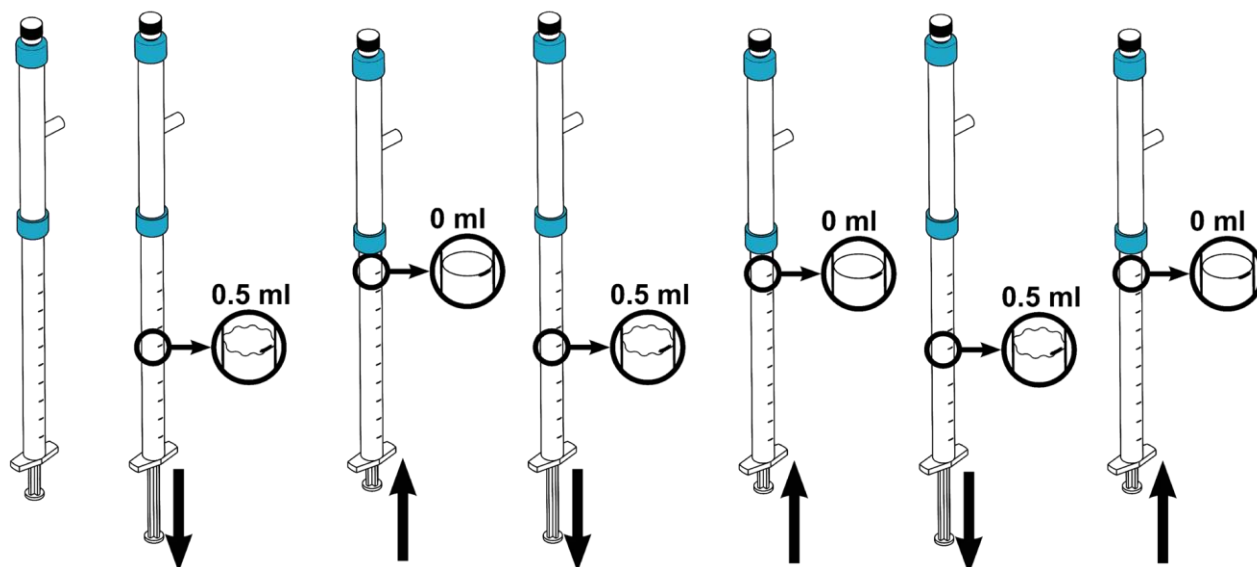


6



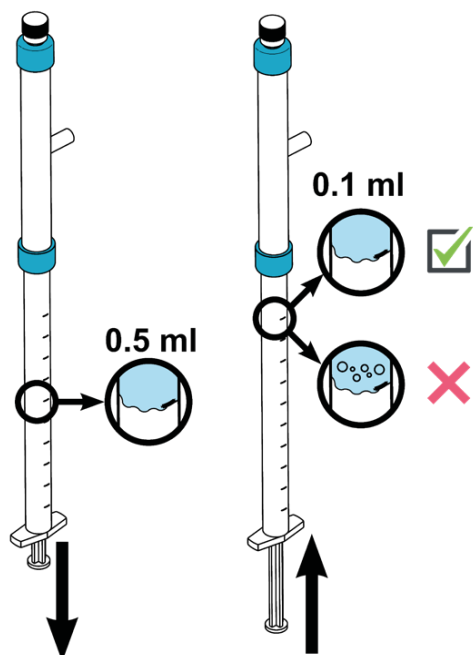
Keeping the filter upright, attach the 1ml syringe to the open end of the filter. Flip the filter and 1ml syringe 180°.

7



Pull the syringe back to the 0.5ml mark. Push the liquid all the way back into the filter. Repeat this step 2 more times.

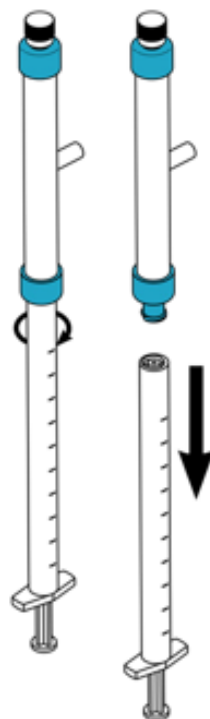
8



Pull the syringe back to the 0.5ml mark. Push the plunger in slowly to the 0.1ml mark to collect 0.1ml of sample exactly.

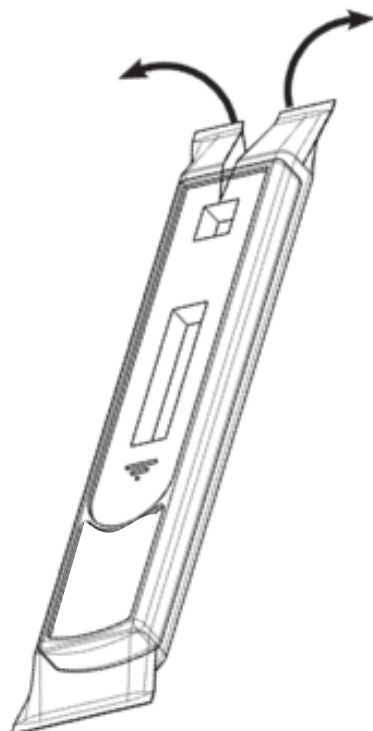
9

Detach the syringe from the filter, place the filter to one side.



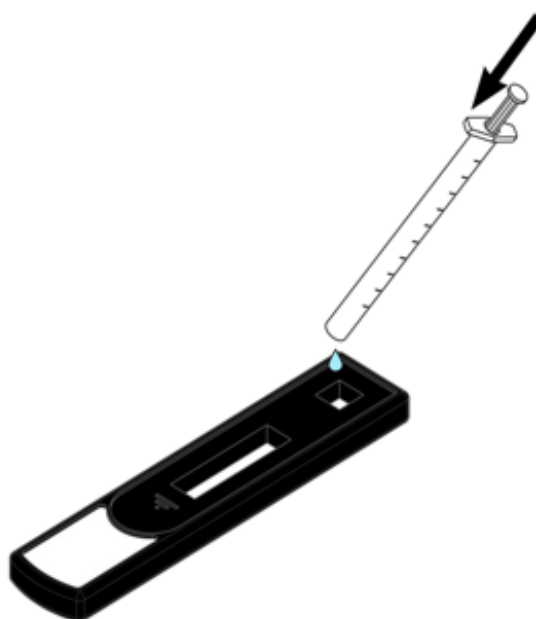
10

Take the test strip out of its foil packaging. Place the test on a flat surface.



11

Gently add your 0.1ml of sample to the sample port on the test strip.



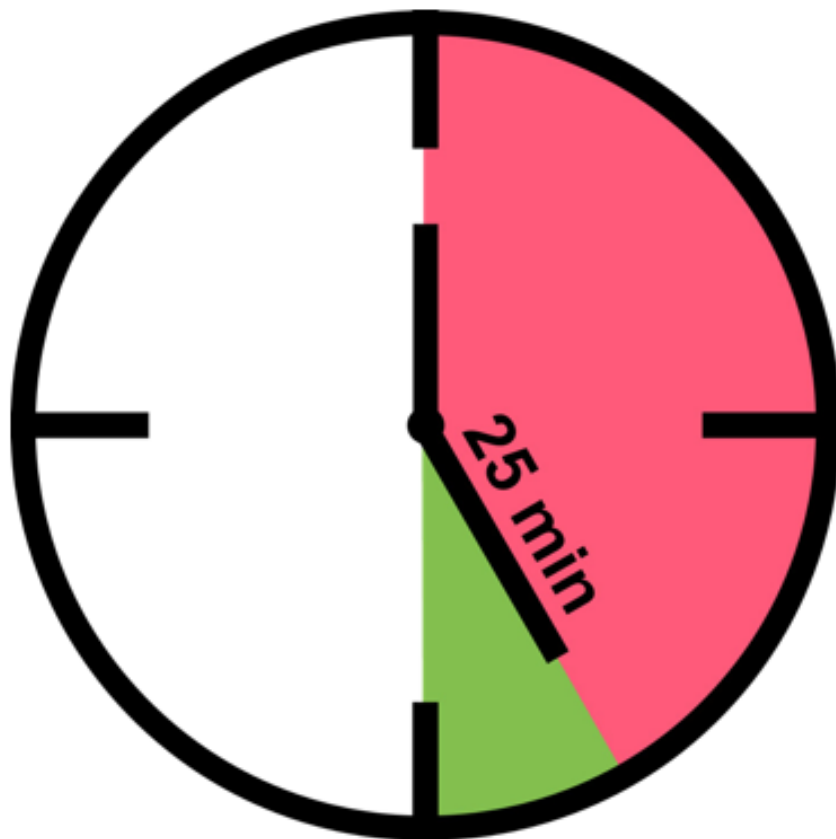
12

Start a timer for 25 minutes.

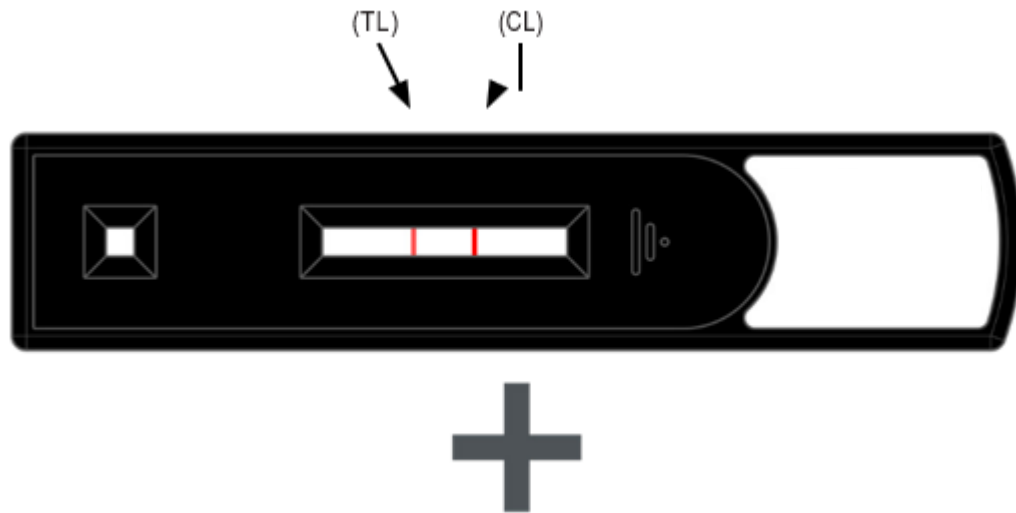


13

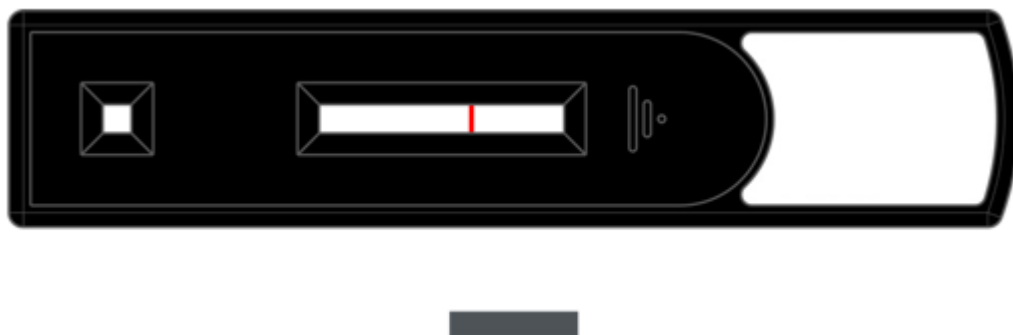
After 25 minutes (and before 30 minutes) read your Hydrosense Legionella test.



14



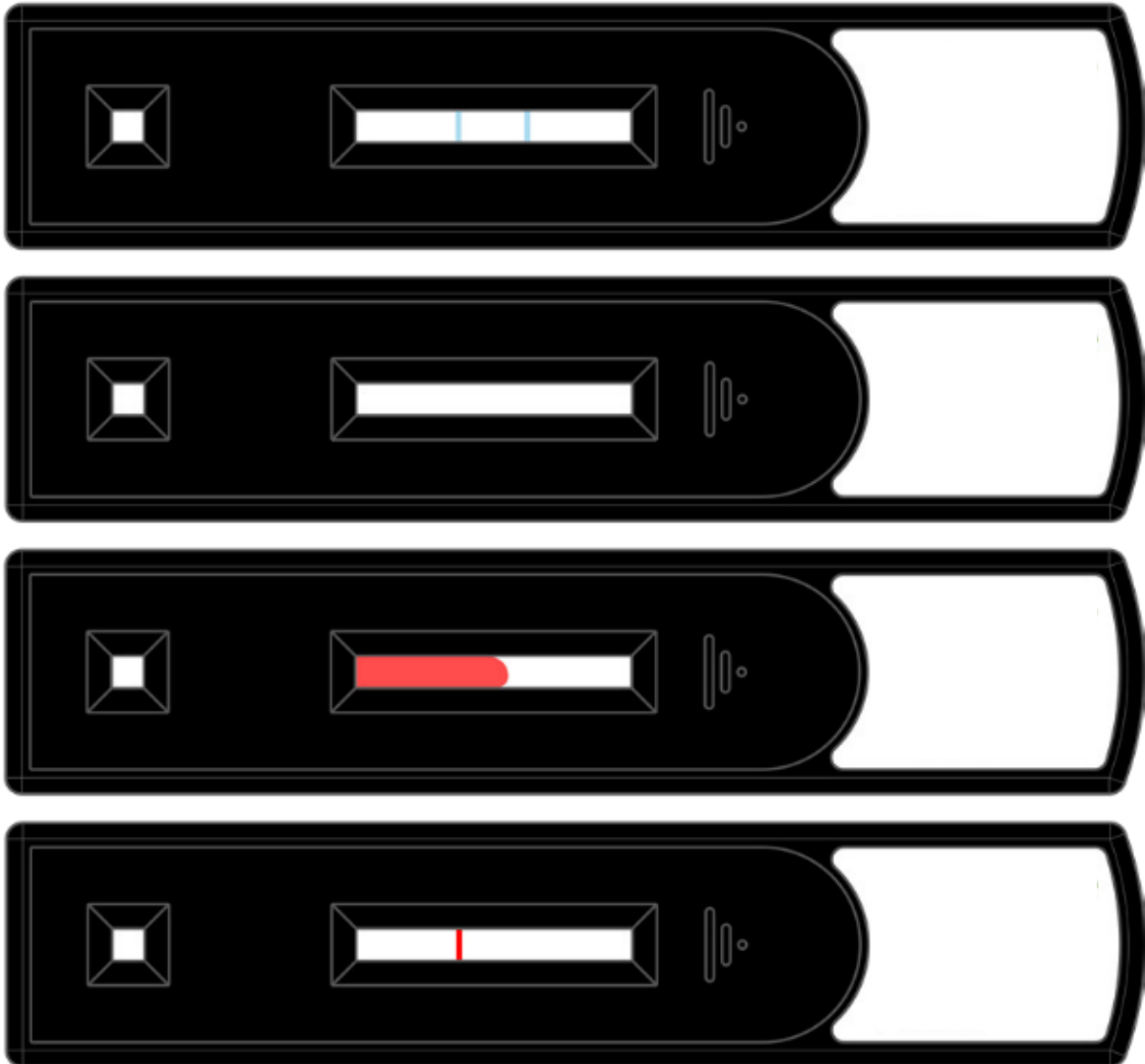
The test is composed of two lines; a test line (TL) and a control line (CL). If both lines are present, even if the test line is very faint, then *Legionella pneumophila* serogroup 1 has been detected above the cut-off of the test kit (>100 CFU/L).



If no test line is present at the test line position but there is a control line, then the test is negative and *Legionella pneumophila* serogroup 1 has not been detected.

15

Tests without a control line, or that look like any of these tests, are invalid.

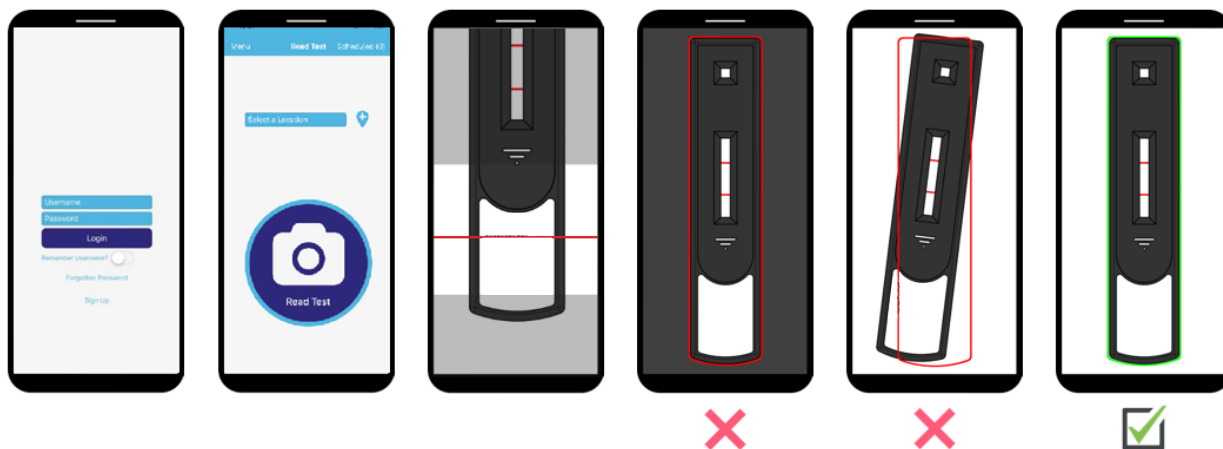


16

Launch the App (Available from Google Play and App Store).



17



Select a pre-programmed location and click read test. Scan the barcode. The scanner will appear on screen. Read the test by matching up the outline of the test strip on the screen with the cassette.

The App will provide you with a positive or negative result and a Hazard index from 0-10. Results can be shared via email and SMS.

THE SMALL PRINT

Limit of Detection:

100cfu/L *L. pneumophila* sg1 (when 250ml sample filtered). Filtration and test performance may be affected by suspended solids. Bacteria recovery post filtration can vary (<10-100%).

Test Operating Limits:

- Use on samples between 10-45°C (50-113°F).
- Evaluated on samples that filter in <10 minutes.
- Do not use on systems treated with biguanide based or THPS biocides.

Organism	≥CFU/ml
<i>L. pneumophila</i> sg- 2, 3, 8, 11, 13, 14	1x10E08
<i>L. pneumophila</i> sg- 4, 5, 6, 7, 9, 10, 15	1x10E07
<i>L. pneumophila</i> sg12	8x10E06
<i>S. aureus</i>	2x10E08

Storage:

- Store at room temperature (18-22°C).
- Do not freeze.
- Do not use after expiry date.
- Do not use if test wrapper perforated.



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