

# Home Drinking Water Assessment Kit



## KIT INCLUDES:

- 1 x E.Coli Vial
- 10 x Test Strips
- 1 x Assessment Kit Booklet



Home Drinking Water  
Assessment Kit (810165)

# Drinking Water

Water is the second most important thing in our lives (after air) and it is important that it is safe to drink, our health depends on it.

Not all water is safe to drink, rural water supplies are at a higher risk of contamination.

This kit is designed to give an indication only if common issues are present. Common issues include those which are a nuisance (e.g. they cause staining or taste problems) as well as those which may pose a risk to your health.

If any issues are found, then please contact your place of purchase for advice, you may need to have a water analysis done by an accredited laboratory to resolve the issues.

**The Home Water Assessment Kit is used to test the following:**

Parameter		Application
E.coli/Coliform:	Bacteria	Drinking water, Pool & Spa, Aquarium
Total Hardness:	0-425PPM	Drinking water, Pool & Spa, Aquarium
Free Chlorine:	0-10PPM	Drinking water, Pool & Spa, Aquarium
Iron:	0-500PPM	Drinking water
Copper:	0-10PPM	Drinking water
Lead:	0-500PPM	Drinking water
Nitrate:	0-500PPM	Drinking water, Aquarium
Nitrite:	0-80PPM	Drinking water, Aquarium
MPS (Monopersulphate):	0-20PPM	Pool & Spa
Total Chlorine:	0-10PPM	Drinking water, Pool & Spa, Aquarium
Fluoride:	0-100PPM	Drinking water
Cyanuric Acid:	0-250PPM	Pool & Spa
Ammonia Chloride:	0-500PPM	Drinking water
QUAT/QAC:	0-40PPM	Pool & Spa
Total Alkalinity:	0-240PPM	Pool & Spa, Aquarium
Carbonate:	0-240PPM	Aquarium
pH:	6-9	Drinking water, Pool & Spa, Aquarium

## KEY POINTS REGARDING THE USE OF HOME WATER ASSESSMENT KITS:

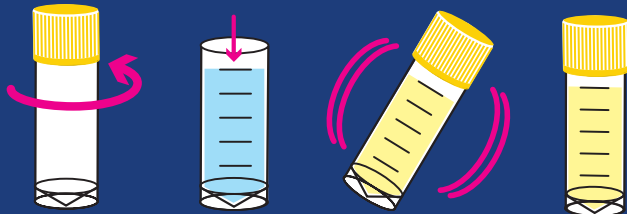
- Check the expiry date of the test kits and reagents and do not use them if it has passed.
- Store test kits correctly (for example, within the nominated temperature range, or out of direct sunlight, etc.).
- If possible, use the same test kit for the entire sampling program to reduce the risk of getting slightly different results from different test kits.

# E.Coli and Coliform vial

E.Coli and coliform presence is an indicator of water being contaminated with faeces and can pose serious health risks. Water is not considered fit for human consumption if E.Coli is detected.

## TESTING INSTRUCTIONS

### STEPS



OPEN AQUAVIAL

FILL

SHAKE

INCUBATE

### INCUBATION

35-40°C (95-104°F) - 24 HRS

OR

20-25°C (68-77°F) - 48 HRS

### RESULTS

0 CFU/ml

1 CFU/ml



Results to be read within the first 48 hours!



*The media in the vial is non-toxic and therefore poses no significant hazard provided directions for use are followed. DO NOT INGEST. Do not attempt to open the vials after test or dispose of content down your sink.*



*If any E.Coli or other coliform bacteria are detected, the water either be boiled before use or not consumed until the issue is resolved. Further investigation of the system and disinfection of the water will be required.*

## FREQUENTLY ASKED QUESTIONS:

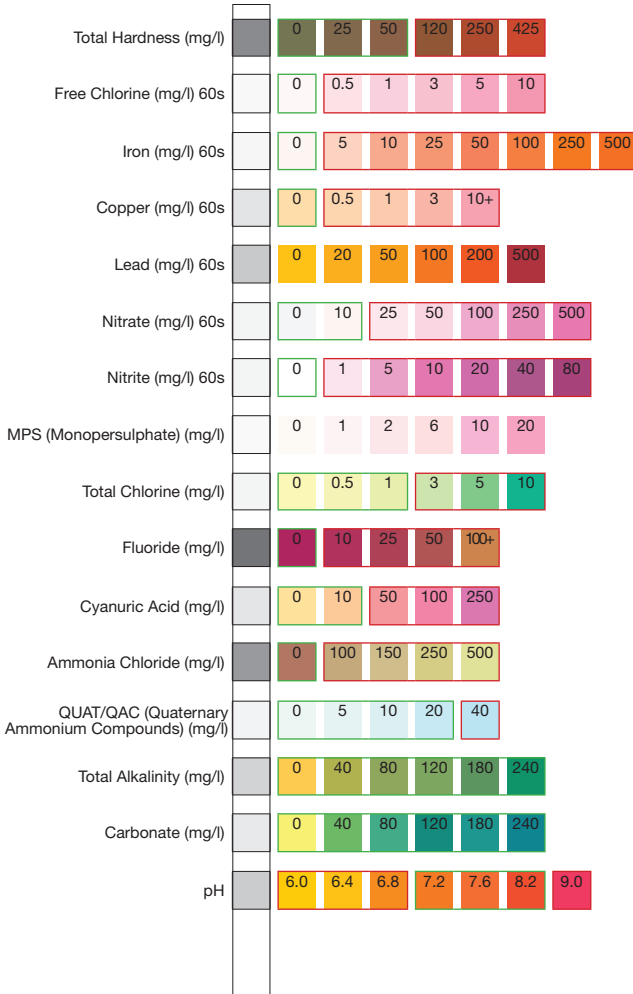
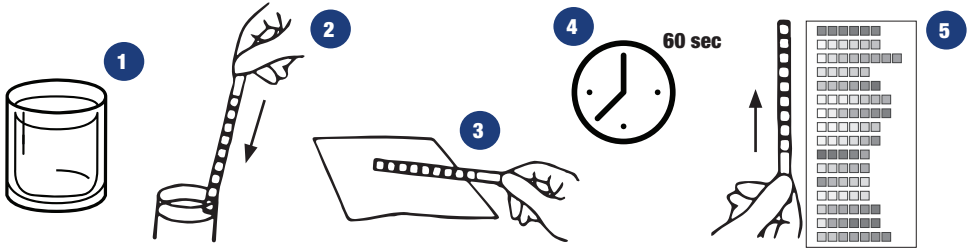
**Q: Is my water safe if I do not detect bacteria?**

**A:** Not necessarily. This test is only for a few bacteria, there are hundreds of possible bacteria and viruses which can cause illness. This test is also a snapshot in time, it does not guarantee that the water will be safe tomorrow. If you are on a rural water supply it is strongly recommended that you have protection in place, such as UV.

**Q: My water looks clear and smells and tastes great, is it safe?**

**A:** Bacteria and viruses which cause illness are too small to see and have no taste or smell, they can be present only sometimes making them hard to find, so the only way to be sure that your water is safe is to have something in place such as UV to be 'on guard' to kill any bacteria or viruses before they have a chance to enter your home.

# Drinking Water Indicator Strips



## INSTRUCTIONS

1. Collect a sample in a clean container
2. Dip a test strip into the water for **2 seconds**
3. Tap sideways onto a paper towel to remove excess water
4. Wait **60 seconds**
5. Compare the test pads to the colour chart

## HOW TO READ MY RESULTS

If any of your levels are in the **'Red Zone'** when you read the colour chart, this means levels of this substance are undesirable.

Contact your place of purchase for advice, further testing and investigation will be needed.



Avoid touching the coloured pads with your finger. Keep dry until use.



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