

## Drinking Water – Bacteria Test

The **Drinking Water – Bacteria Test** contains one EPA-based Coliform Bacteria test for your home tap water. A positive result indicates that your water may be contaminated with bacteria that can be harmful to your health or cause disease.

### What results are expected?

The **Drinking Water – Bacteria Test** accurately detects E.coli and other coliform bacteria in drinking water.

### Before you begin...

1. Each **Drinking Water – Bacteria Test** contains:
  - One Bacteria Test Vial
2. Do not open packets or vial until you are ready to perform the tests.
3. Keep tests out of reach of children or pets.
4. Do not ingest anything from this test kit. Do not drink water sample used for testing.
5. Do not use on hot water or water containing bleach detergents. Do not re-use any part of the test kit.
6. Store and use at room temperature (10-30 °C).
7. Read and follow all instructions carefully.

## Test Instructions

### Bacteria Test

1. Take out the Bacteria Test vial and set upright on a flat surface.
2. Collect water sample or turn on tap to a very slow stream.
3. Carefully twist off cap and fill vial to 1/2 inch below the top (to 5 ml line). Do not overfill and do not spill the bacterial growth powder in the vial.
4. Replace cap and twist on tightly. Shake the vial vigorously for 20 seconds.
5. Place the capped vial upright in a warm area (20-30 °C) where it cannot be disturbed for 48 hours.
6. After 48 hours, observe the color of the liquid without opening the vial:

**Purple Color: Negative Result** (No bacteria were detected).



**Yellow Color: Positive Result** (It is highly likely that potentially harmful bacteria were detected).



7. For positive results, add bleach to the sample before pouring down the toilet, then wash hands carefully. Negative samples may be poured directly into the toilet. Discard vial in the trash.

*Please note that this is a screening test and can not be used to certify water as safe or unsafe for drinking. It provides approximate results ONLY when used in strict accordance with instructions.*