

Coliform Bacteria Test

Sampling Procedure

1 Remove aerator screens, if possible. Wipe the entire water outlet area of the faucet and spigot with a solution of 1/8 teaspoon household bleach in 12 ounces tap water.



2 Run cold water from the cleaned tap for 5 minutes.



Test Procedure

1 Unwrap the Bacteria Test vial. Place upright on a flat surface. Carefully twist off cap. **DO NOT** spill the powder.



2 Turn on tap to a very slow stream.



3 Fill vial to 5 mL line (1/2 inch below the top). **DO NOT OVERFILL.**



4 Replace the cap tightly. Shake the vial vigorously for 20 seconds.



5 Place the capped vial upright in a warm area (70-90° F). Leave undisturbed for 48 hours.



6 After 48 hrs. observe the color of the liquid **without opening the vial**:

NEGATIVE RESULT
NO Bacteria Detected

Purple Color



POSITIVE RESULT
Bacteria WERE Detected

Yellow Color



Note: If the liquid turns yellow at any point before 48 hours, then the sample is **POSITIVE** for bacteria. If the liquid is still purple at the 48-hour mark, then the sample is **NEGATIVE**, even if the liquid turns yellow after the 48-hour mark.

7 **Disposal:** For positive results, add a small amount of bleach to the liquid before pouring into the toilet and then wash your hands carefully. Negative samples may be poured directly into the toilet. Discard vial in the trash.