

Deluxe City Water Test

PLEASE READ ALL INSTRUCTIONS BEFORE YOU BEGIN COLLECTING YOUR SAMPLE.

WATER SAMPLES MUST BE NON-HAZARDOUS!

THIS KIT INCLUDES

Cooler outer box
Instructions
Sample submittal form
One (1) 500 ml plastic bottle
Two (2) 40 ml VOA vials (bubble wrapped)
Two (2) 60 ml glass amber vials (bubble wrapped)
One (1) 50 ml plastic beaker
One (1) gel ice pack
One (1) Free Chlorine test strip
One (1) Total Chlorine test strip
One (1) Chlorine Test Color Comparator card

4. Adjust the water flow from the spigot to a thin stream of water to avoid any splashing and fill both 500 ml plastic bottles to the neck.
5. Cap securely and return sampling bottles to the cooler.
6. Next take out the small 40 ml glass vials in the bubble bags, there will be two of them.
7. Adjust water to thin stream and fill vials so that they are slightly overfilled and a meniscus forms on the vial. Cap securely and turn the vial upside checking for any air bubbles. If there are air bubbles detected, remove cap and add water to displace any bubbles and cap securely.



PREPARATION

1. Freeze blue gel pack for a minimum of eight (8) hours before you begin collecting your sample.
2. Identify the faucet from which you will collect your sample. **Make sure it's from a cold tap.** The sample site will be dependent on what you are trying to accomplish with the testing results. For example, in order to determine what water treatment equipment is needed, an untreated sample of water should be collected.

SAMPLE COLLECTION

1. Remove any filter or aerator from the faucet and clean using isopropyl alcohol.
2. Turn on faucet and let water run 2-4 minutes to get a representative sample.
3. Test strips are provided to run free and total chlorine onsite as chlorine has a very short holding time for getting an accurate result. Enclosed you will find a 50 ml cup along with testing strips for free and total chlorine and a color comparator card. Use the testing strips to perform this analysis. Make sure to use clean water for each test strip. Compare the test strips to the card to determine the amount of free and total chlorine and write those results in the space provided on the Sample Submittal form. (The free chlorine results should NOT exceed the total chlorine results).

8. Return vials to bubble bags and place in the cooler with other bottle(s).
9. Next take out the 60 ml glass amber vials, also in bubble bags, there will be two of them.
10. Adjust water to thin stream and fill vials so that they are slightly overfilled and a meniscus forms on the vial. Cap vial and agitate sample to mix preservative already in the vial.
11. Return vials to bubble bags and place in the cooler with other bottle(s).
12. Place frozen blue gel pack into the cooler with the sample bottle(s).



DOCUMENTATION & SHIPPING

1. Fill out the enclosed paperwork with your name and address if not already preprinted. Make sure to include the date and time you collected the sample, type of water, and sample ID. The sample ID is to help you identify where the sample was collected. Some common sample ID's include: kitchen sink, outside tap, treated sample, etc.
2. Enclose paperwork with your sample. Samples recieved without paperwork may be delayed.
3. Seal box to prepared for shipping sample to the lab. Sample do not require overnight shipping and can be shipped via ground shipment. Keep in mind, shipping ground adds to the turnaround time of your test results, so if you need results fast, consider expedited shipping.
4. Samples should be shipped to:

ResinTech Laboratory Services
Laboratory Receiving Department
1801 Federal Street
Camden, New Jersey 08105

PROCESSING

This analysis includes radiological testing which can take 10-15 days. The rest of the analysis will be available within 5 days. Some samples may take longer if they are highly contaminated or if the sample volume in the lab is significantly high.

Results will be emailed to the email address provided in the order and on the paperwork.

Expedites are available and can be done within 3 business days, with an additional 50% up-charge. If you need your sample expedited, please contact the lab for availability.

ResinTech Lab Services reserved the right to reject any samples that appear excessively dirty. Please call for confirmation if there are any questions.

