

RTCA Radon in Water Test Instructions

(The test kit contains two vials so you can take duplicate samples)

1. Open the mailing tube and remove the two 20cc vials from bubble bags. Keep bubble bags to protect vials for shipment to lab.
2. Do not remove the Gel Pack from the RTCA mailing tube.
3. Place the Mailing tube with Gel Pack in the freezer for at least 4 hours before mailing collected samples to RTCA.
4. Choose an indoor water faucet that is most used.
5. If the water faucet has an aerator, **REMOVE IT**.
6. Turn on the cold water and let run at full flow for at least 10- 15 minutes to purge older water from the holding tank and replace it with fresh water from the well.
7. Reduce the flow rate to a slow stream to minimize radon degassing. Fill a deep bowl with faucet spigot under water and let water overflow for 1-2 minutes. Turn off faucet and place bowl on flat, level surface.
8. Remove cap from the first sample vial and submerge vial with cap side up until the sample vial is filled completely.
9. While the vial and cap are under water, tightly screw the cap on the sample vial.
10. Lift vial out of water and turn vial upside down and make sure no air bubbles have been trapped inside the sample vial.
IMPORTANT: If any air bubbles are present, discard the sample and repeat steps 7 & 8.
11. Repeat steps 7, 8 & 9 with second sample vial.
12. Completely fill out the enclosed information form.
13. Please make a copy of the bar code numbers for your records.
14. Put the vials in bubble bags & place in mailing tube with frozen gel pack & seal tube with white cap.
15. Place the mailing tube and completed test information form in the provided USPS envelope.
16. **The RTCA water test kit is time sensitive. Please mail immediately.**