



LONG TERM RADON TEST KIT FOR RADON IN AIR

INSTRUCTIONS

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WHAT IS RADON?

Radon is an odourless, colorless, radioactive gas. Radon has been found in homes all over the world. It comes from the natural breakdown of uranium found in the soil and it moves up through the ground finding its way through tiny cracks and holes in the foundation of a home.

Any home can have radon. You can only find the radon level in your home by testing. Numerous studies have shown that continued exposure to elevated levels of radon gas increases the chance of developing lung cancer.

The Environmental Protection Agency, Health Canada, and the American Lung Association agree that long term exposure to elevated levels of radon gas is a significant health risk.

WHAT IF THERE IS RADON IN MY HOME?

Health Canada has set a national action level of 200 Bq/m³ (Becquerel of radon per cubic meter of air). If your home has a confirmed radon level of 200 Bq/m³ or above in a living area, you should install a radon mitigation system. It is recommended that a certified radon mitigation contractor install the system.

WHAT THIS PACKAGE CONTAINS?

This test kit is used to test for radon in air for 91 to 365 days. It contains:

- Sealed alpha track dosimeter
- Instructions & paper datasheet
- Resealable bag & return envelope
- Access to the radon test portal;



- Scanning the QR code located on the right will provide access to the electronic portal.

DO NOT OPEN THE SEALED BAG UNTIL YOU ARE READY TO TEST.

1. CHOOSING THE ROOM AND WHEN TO TEST

Health Canada recommends you test normal occupancy areas of the lowest lived-in level of the house. The normal occupancy area is defined as any area occupied by an individual for more than **4 hours** per day. Potential measurement locations include family rooms, living rooms, dens, playrooms and bedrooms. Low-level bedrooms (main floor or basement) should be tested because people generally spend more time in their bedrooms than in any other room in the house. Similarly, if there are children in the home, areas such as basement-level playrooms should be tested. The basement is only considered a potential measurement location if it is occupied for at least 4 hours per day or if there are plans to renovate (add a bedroom or playroom/family room) which will result in occupancy of more than 4 hours per day.

Do not test in the kitchen, laundry area, bathroom, crawl space, furnace room, garage or closet.

Testing period should cover at least the heating season where indoor radon levels are the highest.

2. STARTING THE RADON TEST

- **Read these instructions in their entirety.** Start your test before the expiration date or results will be invalid. The expiration date is located on top of the dosimeter.
- To start the test, open the sealed bag containing the black dosimeter and remove from the bag. As soon as you open the bag the test has begun. Place the device immediately in its location.
- Do not remove the VOID sticker or open the black plastic housing or results will be invalid.
- Go to the AccuStar portal located at accustarcanada.com/testinfo or alternatively scan the QR code located on page 2 and enter the unit device number located at the top of the unit. Complete the measurement information and start date. You will have the ability to calendar and receive an end of test reminder notification by either email or SMS.

In the event that you are unable to submit electronically, the attached paper datasheet may be used. However, for faster results it is imperative that all requested information is complete and clearly printed to avoid any errors.

3. PLACE THE RADON DEVICE

The preferred dosimeter location is by an interior wall at a height of 0.8 m to 2 m (3 to 6.5 ft) from the floor in the typical breathing zone, at least 50 cm (20 in) from the ceiling and 20 cm (8 in) from other objects so as to allow normal airflow around the dosimeter. Dosimeter should be placed approximately 40 cm (16 in) from an interior wall or approximately 50 cm (20 in) from an exterior wall.

You can also suspend the dosimeter using a string. Leave the device(s) in place and undisturbed for at least 91 days and up to one year. Do not place on concrete or natural stone.

4. END THE RADON TEST

After the minimum 91 days testing period you must provide the test end date information by going back to accustarcanada.com/testinfo or scanning the QR code on page 2. If you do not have access to the internet, you may use the provided paper datasheet.

Place the dosimeter(s) immediately in the provided resealable bag and mail quickly after. In the event that you misplaced the bag provided, a Ziplock resealable style bag may be used.

5. RETURN THE DEVICE TO THE LABORATORY IMMEDIATELY

Make sure the electronic survey is completed. If using the paper format, place the datasheet and sealed bag into the envelope to be mailed. Up to four devices can be placed in a single envelope. Ensure that that the dosimeter is received within 30 days of the test end date.

Use the return envelope provided with your test kit. If your return envelope has been lost, visit our website at www.accustarcanada.com, then **Documentation section** scroll down to **Lost Return Envelope or Customs Declaration**.

Test devices must **NOT** be sent to our Canadian location. Return your test device(s) directly to: **AccuStar Labs, 2 Saber Way, Haverhill, MA, 01835-8000, USA**

CHECKLIST FOR A SUCCESSFUL TEST

- Did you follow all instructions and submit the test information on the AccuStar portal by scanning the QR code on page 2 or by going to accustarcanada.com/testinfo ?
- Did you write down the device number(s) at the bottom of this page?
- Did you place the dosimeter in the sealable plastic bag immediately after ending your test and ship quickly after? The laboratory must receive the dosimeter within 30 days of the end date.
- Users of the paper datasheet, did you send your test kit with the completed datasheet to AccuStar Labs laboratory?

INFORMATION ABOUT TEST REPORTS

The laboratory does not send confirmation of receipt. Upon receipt your detector(s) will be analyzed and measurement reports are typically available within two weeks. The report will be emailed and is also retrievable at accustarcanada.com/en/online-test-results/ using the device number that you have marked at the bottom of this page. Paper datasheet users with no provided email address will receive their report by mail. Note that this option will add approximately 2 months delay to receive the paper report.

If information is missing from the paper datasheet or you need to make a change to your report, you may request an Amended Report. All requests must be made in writing by email or mail* and must contain the device number(s), name and complete tested address. No oral information will be accepted. AccuStar will issue the Amended Report within five business days after receiving your request:

* Email: radonlab@accustarlabs.com or by mail at:

* AccuStar Labs, 2 Saber Way, Haverhill, MA, 01835-8000, USA

Feel free to call us at 1-855-85RADON with any questions you may have. Our business hours are 8:30 am to 4:30 pm Eastern Standard Time, Monday to Friday.

Thank you for choosing AccuStar Canada.

WRITE DEVICE NUMBERS AND TEST POSTAL CODE HERE AND SAVE THIS SHEET

1st Device Number: _____ 2nd Device Number: _____
Test Address Postal Code: _____ (if purchased)