



SHORT TERM RADON TEST KIT FOR RADON IN AIR

INSTRUCTIONS AND DATASHEET

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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 American 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 radon in air for 48 to 96 hours. It contains:

- Instructions
- Data Sheet
- White vial(s) (dosimeters)

DO NOT OPEN THE TEST DEVICE UNTIL YOU ARE READY TO BEGIN.

1. Prepare the House for Testing

In order to provide a valid test result, the test must be performed under Closed House Conditions. Maintain these conditions in the home for 12 hours before the test and during the exposure period:

- Keep all exterior doors closed except for normal entry and exit.
- Keep all windows closed.
- Leave radon mitigation systems operating.
- Set HVAC (Heating, Ventilation, and Air-Conditioning) Systems on “Auto” and set window units to recirculation. Dehumidifiers may be operated.
- Do not operate whole house exhaust fans.
- Do not operate wood or coal stoves (unless they are the primary source of heat).

Unusual weather conditions could alter test results. Do not perform the test during sustained high winds or heavy rain. Do not test in extreme indoor conditions of heat, cold or humidity.

2. Select the Test Area

- Perform the test in the lowest area of the home that could be used regularly, whether it is finished or unfinished.
- Choose an area that could be used as a bedroom, play area, family room, den, exercise room, or workshop, but not a kitchen or bathroom or any area with high humidity.
- Do not test in closets or crawl spaces.
- 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, however, 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.
- Do not place test devices directly under blowing air.
- If this test is associated with the purchase or sale of a home, you should use 2 devices, 4 in (10 cm) apart in the selected test area.

3. Perform the Test

Do not open the devices until you are ready to test.

- Check devices for expiration dates. Start your test before device expires or results will be invalid.
- Remove test devices from the box. Take off the lid from each test device.
- Leave each device open for at least 48 hours. Do not touch or move devices during the test.
- If you leave devices open for fewer than 48 hours or more than 96 hours the results will be invalid. You will need to buy another test kit and repeat the test.
- After 48 hours, securely replace the lid of each device.

4. Complete the Datasheet

It is very important to fully complete the Radon Test Data Sheet on the other side of this form. Please print clearly.

- To access a copy of your radon test report at www.accustarcanada.com, you must write the Zip Code of the property tested on the Radon Test Data Sheet.

Note: If information is missing from the Data Sheet, or if you do not send back the Data Sheet with the devices, you will receive a report stating that we cannot provide your test results. You may send any missing information to us in writing at a later time (mail, email or fax required)* and we will issue an Amended Test Report.

* AccuStar Labs, 2 Saber Way, Ward Hill, MA, 01835-8000, USA
Fax : 508 533-8831 Email: radonlab@accustarlabs.com

It takes five business days to issue an Amended Test Report. We can issue a Same-Day Amended Report for a fee of \$20.00 per report. To issue a Same-Day Amended Report we must receive the new test information and payment by Noon, ET.

5. Return Devices Immediately

- Place closed test devices and the completed Data Sheet back into one envelope and send it to the laboratory of AccuStar Labs located in Massachusetts, USA right away.
- AccuStar Labs USA must receive the test devices within 8 days after you complete the test. Plan ahead and use a calendar. The laboratory must receive the device within 8 days from the end date. Tip, have the testing end on a Monday and mail immediately.
- Your test results will be invalid if AccuStar Labs USA receives test devices more than 8 days after you complete the test.

Test devices must be sent directly to AccuStar Labs USA and NOT to: AccuStarCanada.com.

AccuStarCanada.com offers a discounted prepaid, preaddressed shipping label with all the customs documents required for quick clearance in order to ensure the adequate completion of your radon test. Visit the Return Shipping Label section on our website on: www.accustarcanada.com.

If you prefer not to use our Canadian return shipping service, you must send your test devices directly to:

AccuStar Labs, 2 Saber Way, Ward Hill, MA, 01835-8000, USA

CHECKLIST FOR A SUCCESSFUL TEST

- Did you follow all instructions and fill out the Data Sheet completely?
- Did you keep a record of your device number(s) and the Postal Code of the property tested?
- Did you send your test kit with the completed Data Sheet to AccuStar Labs USA immediately after you finished the test?

On the next business day after AccuStar Labs USA receives the test kit, we will e-mail or mail your radon test report to the person indicated on the Data Sheet. You can access a copy of the report on our website www.accustarcanada.com.

Feel free to call us at 1-855-85RADON with any questions you may have. Our business hours are 8:30 am to 5:00 pm Eastern Time, Monday – Friday.

Thank you for choosing AccuStar.

WRITE DEVICE NUMBERS AND TEST POSTAL CODE HERE.

SAVE THIS SHEET.

You will need this information to access your test results on our website www.accustarcanada.com

1st Device Number: _____ 2nd Device Number: _____

Test Address Zip Code: _____ (if purchased)

SHORT TERM RADON TEST DATA SHEET / FICHE DE DONNÉES DU TEST DE RADON COURT TERME

Send Written Report To / Envoyer le rapport écrit à: (please print clearly/s.v.p. en lettres moulées)

Name/Nom _____

Address/Adresse _____

City/Ville _____ Province _____

Postal Code/Code Postal _____ Country/Pays _____

Email/Courriel _____

Property Tested/Propriété testée:

Name/Nom _____

Adresse/Address _____

City/Ville _____ Province _____

Postal Code/Code Postal _____ Country/Pays _____

Email/Courriel _____

Device Information/Information des dosimètres

1st Device Number/1^{er} numéro du dosimètre _____

Location/Endroit

- Basement/Sous-sol
- First Floor/Premier étage
- Other/Autre _____

2nd Device No/2^e No du dosimètre(if purchased/si acheté) _____

Location / Endroit

- Basement/Sous-sol
- First Floor/Premier étage
- Other/Autre _____

- Check here if devices were placed 4 in (10 cm) apart
Cochez si les deux dosimètres étaient placés à 4 po (10 cm) de distance

(COMPLETE NEXT PAGE)
(COMPLÉTER LA PAGE SUIVANTE)

Exposure Period and Indoor Conditions/Période d'exposition et conditions intérieures

Beginning Date/Date de début _____ / _____ / _____
MM/MM DD/JJ YYYY/AAAA

Time/Heure _____ AM/PM (please circle/s.v.p. encercler)

Ending Date/Date de fin _____ / _____ / _____
MM / MM DD / JJ YYYY / AAAA

Time/Heure _____ AM/PM (please circle/s.v.p. encercler)

Indoor Temperature/Température intérieure

- Cold/Froide <18°C
- Normal/Normale
- Hot/Chaude >24°C

Check one or record actual here/Cochez ou inscrire la température _____

Indoor Humidity/Taux d'humidité intérieur

- Dry/Sec < 25%
- Normal/Normal
- Humid/Humide > 60%

Check one or record actual relative humidity level/Cochez ou inscrire le taux d'humidité relative

Test Protocols and Structure Type/Protocole de test et type de structure

Were closed house conditions maintained? / Est-ce que les conditions de maison close ont été maintenues? Yes No

Were foundation vents or any other permanent vents open? / Est-ce que des bouches d'aération de fondation ou autres bouches d'aération permanente étaient ouvertes? Yes No

Were test devices placed and retrieved by the same person? / Est-ce que les dosimètres ont été placés et récupérés par la même personne? Yes No

Test Purpose/Objectif du test (check all that apply / cocher tout ce qui s'applique)

- Initial Test / Test initial
- Follow Up / Suivi
- Post Mitigation / Post atténuation
- Real Estate / Transaction immobilière

Structure type/Type de structure

- Basement/Sous-sol
- Crawl Space/Vide sanitaire
- Slab on Grade/Dalle au sol
- Other/Autre _____ (specify/ spécifier)