

Ravidos[®]

Alpha track detector
Short-term measurement

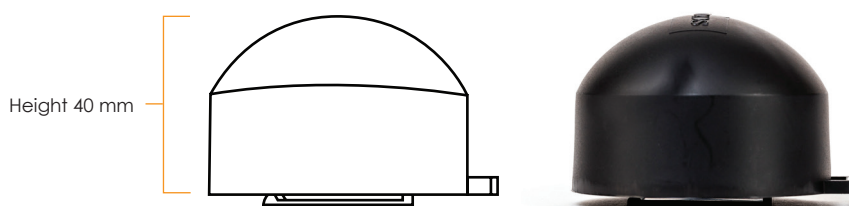
- ISO 17025 accredited laboratory
- 10 – 30 day short term testing
- lab fees included
- confidential analytical report via email
- Holmes Approved

The perfect mitigation monitor

Lung cancer is by far the deadliest of all cancers, killing more people than the next four deadliest cancers combined (breast, colorectal, pancreatic, and prostate). The only way to know if your building has a radon problem is to test for it. Radon Environmental brings you Holmes Approved Products to test your indoor air.

Ravidos[®] devices are the gold standard for alpha track style detectors (ATD). These devices are used to reliably and accurately measure radon in homes, workplaces and office buildings, schools, multi-family buildings, and wherever else radon gas poses a health threat.

A short-term test like the Ravidos, performed over a period of at least 10 days and up to 30 days, is a great preliminary test. This short-term test will allow you to see an immediate radon level to make an early determination if an extremely high level needs to be fixed or if a borderline result needs additional testing.

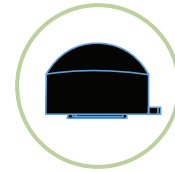


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Manufacturer/ laboratory	Radonova, Inc.
Measurement range	37 – 100,000 Bq/m ³ at 10 days
Normal exposure duration	10 – 30 days
Uncertainty	10% at 50 kBq/m ³ , (10 days at 200 Bq/m ³)
Basis of uncertainty	1 sd
Diameter, height	58 mm (63.5 with hanger), 40 mm (43 with clip)
Holder type, antistatic measures	Closed with filter, conducting holder
Detector material	CR39/PADC

INSTRUCTIONS FOR SHORT-TERM RADON MEASUREMENT

- 1 Read these instructions in their entirety. The detector(s) should be placed with the measurement period being at least 10 days, not exceeding 30 days. The ideal testing period would be the typical heating season, October through April. The measurement begins when the radon-proof plastic bag is opened. Immediately place device.
- 2 Go to **www.radonova.com** and click “My Pages” in upper right. Log in with commission number and password included with your order. Fill in measurement information, including specific detector location, detector number, and start date. The detector(s) should remain deployed in the same location until they are ready to be returned.
- 3 Upon completion of test, log in to the website and provide the measurement end date. Confirm your location information and click Save. Package up your detector(s) and return immediately to the laboratory. Retain this document for your records.
- 4 Upon receipt your detectors will be analyzed. Measurement Reports are typically available within 5 – 10 business days. The report can be emailed to the email address provided, and may be retrievable from the website as well.

DEPLOYMENT PROTOCOL

Short term measurements lasting between 10 and 30 days should be made under closed-building conditions. Windows on all levels and external doors should be kept closed (except during normal entry and exit) for 12 hours prior to and during the measurement period. In addition, external-internal air exchange systems (other than a furnace) such as high-volume, whole-house and window fans should not be operating. However, attic fans intended to control attic and not whole building temperature or humidity should continue to operate. Combustion or make-up air supplies must not be closed.

PLACING THE DETECTORS

- The measurement should be made in a normal occupancy area of the lowest lived-in level of the home. The normal occupancy area is defined as any area occupied for more than 4 hours per day.
- The detector should be put in a room that is regularly used such as a livingroom, den, or bedroom, but not in a kitchen or bathroom.
- At a height of 0.8 m to 2 m (3 to 6.5 ft).
- At least 50 cm (20 in) from ceiling and 20 cm (8 in) from other objects so as to allow normal airflow around the detector.
- Approximately 40 cm (16 in) from an interior wall.
- Approximately 50 cm (20 in) from an exterior wall.

For more information see, *Health Canada Guide for Radon Measurements in Residential Dwellings (Homes)*.

If you have any questions regarding the measurement performance,
 email info@radoncorp.com, or telephone 888 527 4717 or 778 327 4717.

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