

Mold Remediation

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Instructions overview

Below are instructions for three ways to use our mold detection kit to test for molds.

- 1. The Air Quality method allows you to test your indoor air for mold spores.
- 2. The HVAC Quality Method test for molds in the air coming from your heating, ventilation, and air conditioning system.
- 3. Lastly, the surface sample method is used if you already have visible mold growing on a physical surface in your home. See below for detailed instructions on how to perform each method.

You can compare the appearance of mold on your petri dishes with the images we have included in our Mold ID Guide (<u>www.evvivasciences.com/moldguide</u>) to help determine the types of the mold growing. Alternatively, you can consider ordering one of the Mold identification Laboratory Tests

(<u>www.evvivasciences.com/moldlab</u>) described on page one of these instructions. Label your petri dishes with the date and location of the test for your reference using a marker.

Air Quality Test Instructions

Place a petri dish on level surface in the location where you want to test for mold. Remove the lid and leave it open to the environment for 1 hour. Microscopic mold spores in the air will settle and stick to the surface of the petri dish if they are present. After the one hour, close the lid, and place the petri dish in a dark location. Check for mold at 48,72,96, and 120 hours.

HVAC Air Quality Method (tape needed)

Your heating and air conditioning unit can be a major source of mold growth. Locate an air exhaust vent (ideally the one furthest away from the furnace). Remove the lid of the petri dish and tape the open dish against the air vent. Close all the remaining air vents in the system and turn the fan on high for a 10-minute period. The forced air from the fan will hit the inside surface of the petri dish, and microscopic mold spores will stick to its surface if they are present. After 10 minutes, remove the petri dish, close the lid and place it in a dark location. Check for mold at 48,72,96 and 120 hours

Visual Sampling

Locate a surface that may have mold growth. Take one of the enclosed sterile swabs and wet the tip lightly with water (distilled water is preferred) to help pick up mold spores. Gently roll it across the surface. Remove the lid from the petri dish, and gently wipe the contents of the swab on the gelled petri dish surface. The microscopic mold spore will stick to the petri dish. Close the lid and place the dish in a dark location. Check for mold at 48,72,96, and 120 hours