

## Invalid Results

If the sample fails to run completely across the test strip, the result is invalid. The test is also invalid if no line appears in the Control window, even if a line appears in the Test window. See Figures 6 and 7, below:

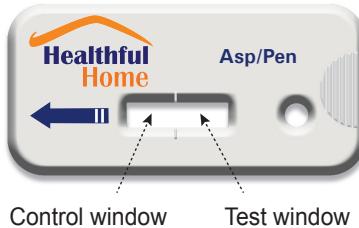


Figure 6: Invalid test result. No Control line and no Test line present.

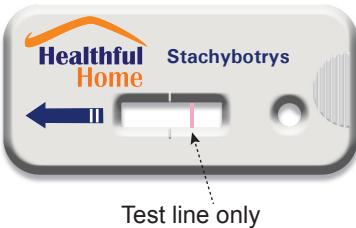


Figure 7: Invalid test result. Only the Test line is present, no Control line.

## **OPTIONAL LABORATORY ANALYSIS**

Confirmatory analysis from an independent, accredited laboratory is available to you for an additional fee. The laboratory will further characterize the type of mold and other materials found in the sample. To obtain a laboratory report follow these steps:

1. Re-sample the area that you tested, using one of the three sterile applicator swabs (included) for this purpose. Remove the swab from the paper wrapper and rub the swab tip on the suspect area. When you are finished, place the swab back into the paper wrapper.
2. You may sample up to three different areas, using the applicator swabs included in this kit. Note where you took each sample, e.g., basement, kitchen, etc., by writing the location on the paper wrapper. You will receive a report for each swab you send. See the instructions on the Laboratory Report Request form.

3. Fill out the form, enclose it along with the applicator swabs.
4. You will receive your results by email within one business day after receipt by the lab.

## What does a **POSITIVE** result mean?

**Healthful Home®** Mold Tests are highly sensitive to specific mold types that are suspected to cause health issues. A **POSITIVE** result indicates that the area that was sampled and tested contains detectable levels of these molds. They are listed in "**Species of Concern Detected**" (back panel).

It does not necessarily indicate that you have a serious mold issue but rather that you should consider consulting with a professional indoor air quality inspector or remediation service professional. The actions you take will depend on many factors including the extent of the mold infestation, the specific type of mold, the overall air quality in your living spaces and the costs involved. For serious mold issues, it is strongly recommended that you contact an accredited or licensed mold or IAQ professional.

**If you obtain positive results, call Alexeter for a PROFESSIONAL CONSULTATION. Our Toll Free number is 800-455-1250.**

For more information on dealing with mold issues, see: [http://www.cdc.gov/mold/dampness\\_facts.htm](http://www.cdc.gov/mold/dampness_facts.htm)

## What does a **NEGATIVE** result mean?

Remember that there is mold everywhere around you. The question is at what level and whether certain individuals may be sensitive to the types of mold that are present. Although **Healthful Home®** Mold Tests are highly sensitive screening devices for specific mold types, a **NEGATIVE** result indicates that the area sampled does not contain species of concern at detectable levels. It also does not conclusively indicate that there may not be a mold issue elsewhere in your home or office.

A **NEGATIVE** result on a settled dust sample does give a general indication that there is not a significant mold spore concentration in the air within the areas tested, but absolute confirmation of the indoor air quality throughout your home or office space requires an examination by a qualified indoor IAQ professional.

## Who should I contact if I need the assistance of a mold professional?

If you need further help, you should visit us at [www.HealthfulHome.com](http://www.HealthfulHome.com) to search for certified IAQ Professionals in your area. Although there are thousands of qualified IAQ experts located throughout the country, IAQ Pro affiliates listed at [www.HealthfulHome.com](http://www.HealthfulHome.com) have been pre-screened for their qualifications.

## **LIMITATIONS OF THE PROCEDURE**

Negative results may occur when levels of mold are below the detectable concentration level (sensitivity) of the test.

## **SPECIES OF CONCERN DETECTED**

The **Healthful Home®** 5 Minute Mold Test will detect the following mold species:

The Asp/Pen test will detect the following species:  
**Aspergillus species:** candidus, flavipes, flavus, fumigatus, nidulans, niger, ochraceus, penicilloides, (Eurotium) pseudoglaucus, restrictus, sclerotiorum, sydowii, terreus, ustus, versicolor.

**Chaetomium species:** globosum.

**Neosartorya species:** fisheri.

**Paecilomyces species:** marquandii, variotii, viridis.

**Penicillium species:** aurantogriseum, brevicompactum, chrysogenum, citrinum, corylophilum, expansum, glabrum, marquandii, roqueforti, spinulosum, tardochrysogenum, variotii, viridis.

The Stachybotrys test will detect the following species:

**Stachybotrys species:** chartarum, echinata.

## **Limited Warranty**

Alexeter Technologies, LLC ("Alexeter") warrants this product against defects in materials and workmanship when used per these printed instructions for a period not to extend beyond the expiration date of each test strip. This warranty applies only to the original buyer of this product.

Alexeter shall have no liability for property or personal injury damages, penalties, special or punitive damages, damage for lost profits or revenues, loss of use of products or any associated equipment, cost of capital, cost of substitute products, facilities or services, or for any other types of economic loss, or for claims of Buyer's customers or any third party for any such damages.

Alexeter makes no other warranty, expressed or implied for this product, including but not limited to, merchantability or fitness for a particular purpose.

Wear suitable protective clothing, such as gloves, eye and face protection, as appropriate.

The buyer's exclusive remedy is limited to a refund of the original purchase price of this product.

This **Healthful Home®** 5-Minute Mold Test Kit uses technology licensed under US Patent 7,368,256 from the U.S. Public Health Service.



## **Healthful Home®** **5-Minute Mold Test Kit**

### **Aspergillus/Penicillium** **Stachybotrys**

Re-Order at:

**HealthfulHome.com**

Catalog Number: HH-2003

**FOR THE RAPID QUALITATIVE IDENTIFICATION OF Aspergillus, Penicillium and Stachybotrys molds**

## **Features:**

- One step test with built-in quality control check
- Results in as little as 5 minutes
  - Laboratory verified results
  - For Environmental Use Only

Store at 40°F to 86°F (15° to 30°C)

**FOR A PROFESSIONAL CONSULTATION**  
call toll-free:

**In US: 800-455-1250**

**Outside US: 847-419-1507**

AS WITH ALL SCREENING DEVICES, RESULTS SHOULD BE CONFIRMED BY A CERTIFIED OR ACCREDITED LABORATORY

**A Product of:**  
Alexeter Technologies, LLC  
Wheeling, IL 60090 USA

**Healthful Home®** is a registered trademark of Alexeter Technologies, LLC.

Read all instructions before using these tests.

#### PACKAGE CONTENTS:

Healthful Home® Asp/Pen and Stachybotrys Test Strips (in white foil pouch)  
Healthful Home® Collection Swab (with fluid-filled bulb)

Professional Consultation Certificate  
Instructions for Use

#### For Optional Lab Testing

3 Sterile Applicator Swabs (in paper wrappers)  
Laboratory Report Request Card and Pre-Paid Mailer

#### INTENDED USE

The *Healthful Home 5-Minute Mold Test* is simple to use, giving you accurate results in as little as 5 minutes. The tests identify mold species (*Aspergillus* and *Penicillium* [*Asp/Pen*] and *Stachybotrys*) that the U.S. EPA considers to present health concerns. You also have the option of sending a sample to an independent, accredited laboratory for fast, expert analysis and backup documentation of your results.

The *5-Minute Mold Test* kit contains tests for the identification of mold species linked with poor Indoor Air Quality (IAQ): *Aspergillus* and *Penicillium* (*Asp/Pen*) and *Stachybotrys*. This product is intended for use in the home or office for performing rapid screening of potential mold-containing samples.

**NOTE: This product is not intended for post-remediation clearance testing.**

#### SUMMARY AND EXPLANATION

After a sample is taken and applied to the test strip (per the following instructions), reactive components form lines on the test strip. The presence of a single colored line in the Control window and no line in the Test window of the test strip indicates a negative result: the mold species is not present in quantities sufficient for detection (see fig. 4). The presence of one line in the Control window and one line in the Test window indicates a positive result: the indicated mold type is present in the sample (see fig. 5). A positive result means that one or more species listed in "**Species Of Concern Detected**" (see back panel) is present.

Watch our "How To Use" video at [HealthfulHome.com](http://HealthfulHome.com)  
or follow this QR code:



#### STORAGE AND STABILITY

Store the tests at room temperature. The test strips must remain sealed in the foil pouch until ready for use.

#### TEST OPERATION

##### Where to Sample

First, determine the area(s) where you will be sampling. Typically this is will be:

1. Settled dust on a flat, horizontal surface (bookshelf, top of a picture frame, top of door frame, etc.) in the room of concern, or in a central room of the structure, especially if mold is not visible.
2. Areas of visible (suspected) mold growth due to water intrusion or other events.
3. Samples from multiple areas: if you have only one test kit and but wish to test multiple areas. **Note: A "positive" result indicates one (or more) of the areas sampled is contaminated with mold and further testing may be necessary.** See "Optional Laboratory Analysis".

##### Collecting the sample

1. Remove the *Healthful Home Collection Swab* from the package. It's clearly labeled and has a liquid-filled bulb at its top.
2. Grasp the *Collection Swab* with one hand at each end and pull gently to separate the liquid-filled bulb end from the clear plastic sleeve, exposing the white fiber swab.
3. Rub the swab on the area you wish to test until some of the material is visible on the fiber swab. In areas where you see mold, do not over-sample. If you can see any material on the fiber swab, you have sufficient material to perform the test.
4. After collecting the sample, firmly insert the swab back into the swab sleeve.

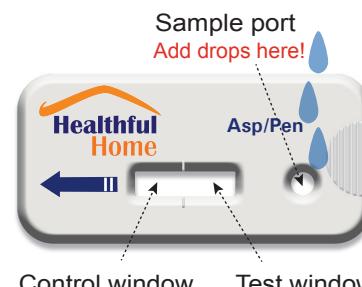


Figure 1: Add sample drops into the CIRCULAR Sample port only!

5. Bend the liquid-filled bulb at its base 90° until you hear the blue plastic extension "snap", then bend it back in the other direction until it "snaps" again (see fig. 2). Squeeze the bulb several times, injecting the rinse buffer onto the swab tip in the sleeve.
6. Shake the *Collection Swab* for 10 seconds to complete the rinsing process.
7. Let the foam in the bulb settle; you are now ready to run the tests.



Figure 2: Snap the liquid-filled bulb twice to release the rinse buffer

##### Running the Test

1. Open the foil pouch and place both the *Asp/Pen* and *Stachybotrys* test strips on a flat, level surface.
2. Holding the *Collection Swab* with the bulb end pointing downward, twist off the white plastic cap at the bottom of the *Collection Swab*. (Note that drops are most easily dispensed by squeezing the *Collection Swab* sleeve, *not* the bulb).
3. Slowly add 5 drops of the sample to both test strips by gently squeezing the sides of the swab sleeve, placing the 5 drops into the circular sample port of the test strip (see fig. 3). If you are unsure of your count, add another drop.
4. Record the time when the sample was added, preferably by writing it on the test.
5. Visually evaluate the test strip after 5 minutes and again after 15 minutes.

**Positive results may appear in just a few minutes, but be sure to inspect the test after 15 minutes have elapsed.**



Figure 3: Add 5 drops to each test

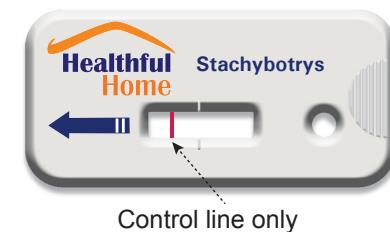
#### INTERPRETATION OF RESULTS

Within 15 minutes, one or two lines will appear on the test strip. At high concentrations of mold, positive results can be seen more quickly.

**DO NOT interpret results if more than 20 minutes have elapsed.**

##### Negative Results

The test result is negative when a single colored line (Control line) appears in the Control window and there is no line in the Test window. Figure 4 (below) illustrates a negative result for *Stachybotrys*. *Stachybotrys* was *NOT detected*.



Control line only

Figure 4: Negative test result. Control line only, no Test line visible.

##### Positive Results

The test result is positive if two lines appear within 15 minutes of dosing the test. One colored line (Control line) appears in the Control window (away from the sample port) and one line (Test line) appears in the Test window (nearest the sample port). Figure 5 (below) illustrates a positive result for *Aspergillus* and/or *Penicillium*. *Aspergillus* and/or *Penicillium* species were detected in the sample.

**Note:** The Test line may appear to be very lightly colored, even grey and considerably less intense than the Control line.

**Any visible line appearing within 15 minutes in the Test window indicates a positive result.**

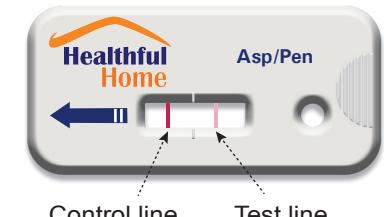


Figure 5: Positive test result. Both Control and Test lines are present.