

**CLIENT INFORMATION**  
**Jane Doe**  
**222 South Main Street**  
**Anywhere, California 77700**  
**Project No.: Lab Tech**

**PROJECT INFORMATION**  
Jane Doe  
222 South Main Street  
Anywhere, California 77700

# Direct Exam Chain of Custody



This test report contains the following four sections: Chain of Custody, Data Detail, Frequently Asked Questions, and Glossary.

CONTACT & PAYMENT INFORMATION:		SAMPLE LOCATION LOG:		Mail	Refrigerated	Room
		Sample No.	Location	Sample	Temp	Temp
Name:	Jane Doe	1	Room 101	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Address:	222 South Main Street	2	Room 102	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
City:	Anywhere, CA	3	Room 103	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
State:	CA	4	Room 104	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phone:	(555) 555-1234	5	Room 105	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do You Wish to Receive Text Messages (Optional):	<input type="checkbox"/> No <input type="checkbox"/> Yes	6	Room 106	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Amount:		7	Room 107	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analysis Fees:		8	Room 108	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
# of Mold Samples:	1 @ \$12.00 per Sample = \$12.00	9	Room 109	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
# of Sporeboard Profiles:	1 @ \$15.00 per Sample = \$15.00	10	Room 110	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
# of Swab Samples:	1 @ \$10.00 per Sample = \$10.00	11	Room 111	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total:	\$37.00	12	Room 112	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Credit Card #:	XXXXXXXXXXXX1234	13	Room 113	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Exp. Month/Year:	12/18	14	Room 114	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

  

Results apply only to samples tested. Results may not be reported or reproduced except in full without prior written approval of Moldlab. All samples were received in acceptable condition unless noted in the Tech Notes section. Field blank correction of results is not applied. Moldlab assumes no responsibility for sample collection or handling prior to receipt at the laboratory. This report does not express or imply interpretation of the results contained herein. LAB0137 by the Texas Dept. of State Health Services AIHA EMPAT ID No. 154782

Approved by:

Rev. 0

Kristina Rucker  
Lab Director



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Carrollton, Texas 75006  
P - (972)-820-9373  
Toll Free (866)-416-MOLD  
Website - www.moldlab.com

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## Test Code 3 Data Detail

Test code 3: Direct Exam (non-viable) -fungal limited  
Analysis Method: Internal SOP M-3



This report contains four sections; a Chain of Custody section, a Data Details section, a Frequently Asked Questions section, and a Glossary section.

Sample No: 1  
Location: Kitchen Wall

Analysis Date: 11/9/2016

Identification	Rating
Alternaria	Moderate
Cladosporium	Minor
Epithelial cells	Minor
Fibers (cellulose, synthetic, etc.)	Moderate
Hyphal Fragments	Heavy
Pollen	Minor

### Tech Notes:

Submitted By: Jane Doe | via: U.S. Mail | Submittal Date: 11/9/2016 9:38:51 AM | Sample Date: | Report Date: 11/9/2016 | Lab Job No.: 16-8883 | Technician: Kristina Rucker

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Sample No: 2  
Location: Bathroom Wall

Analysis Date: 11/9/2016

**Identification**

No mold detected

**Rating**



**Tech Notes:**

Submitted By: Jane Doe | via: U.S. Mail | Submittal Date: 11/9/2016 9:38:51 AM | Sample Date: | Report Date: 11/9/2016 | Lab Job No.: 16-8883 | Technician: Kristina Rucker

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# Direct Exam Frequently Asked Questions



This report contains the following four sections: Chain of Custody, Data Detail, Frequently Asked Questions, and Glossary.

## What does the rating system mean?

'No mold detected' = the substance on the sample you submitted **did not** contain a detectable level of mold.

'Minor' amounts of mold can be found in typical dust samples because mold spores are a **normal** part of our air make up. 'Heavy' amounts tend to come directly from the source of the mold. For example, you saw mold growing on a piece of fruit, you sent in a sample, the lab would report a 'heavy' rating. Conversely, if you had taken a sample of dust that had settled on a tabletop, you may get a report with 'Minor' amounts of several types of mold listed. Keep in mind there are numerous variables involved in interpreting lab results and making conclusions based solely on testing such as surface lifts is generally considered unreliable.

## What do I do now?

If you receive a lab report back that lists 'heavy' levels of mold(s) with potentially adverse health effects, we usually recommend that air samples be taken. Of course each situation is different and air samples may not be necessary in all circumstances. Air sampling will tell you if that same mold the lab detected on your surface sample is airborne.

## How do I get rid of it?

Most molds are allergens and some may be toxigenic, so if you are going to disturb the mold with cleaning methods, you increase your chances of exposure to the particulate. Mold clean up and disposal methods vary greatly from company to company. A good rule of thumb is that if the contaminated area is small and the material is non porous such as metal, it can be cleaned by traditional methods, taking care to use personal protective equipment. Porous materials on the other hand, such as wood, textiles, or sheetrock are difficult to clean because of the microscopic holes in the material. The root structures of the mold called hyphae/mycelia can grow down into the holes and make it hard to clean effectively. The surface will appear clean but as soon as conditions are favorable the mold can start to grow again.

## Is this the Black Mold?

Usually when a customer asks this question he/she is referring to Stachybotrys. Although Stachybotrys is black in color, so are many other types of mold. Do not make the mistake and discount the importance of other types of mold listed on your report because you do not see the word(s) Stachybotrys or Black mold. For more about 'black mold' visit <http://www.moldlab.com/black-mold.html>

## Can we still live here?

There are no established 'safe' levels of mold, just as there are no established 'unsafe' levels of mold, and individuals have different resistances to mold.

- Do any of the occupants fall into the susceptible group? This group includes: children, elderly, immunocompromised, and persons with respiratory disorders. Please consult your physician if you suspect you are suffering from mold related illness.
- Is the indoor airborne mold concentration higher than the outdoor concentration?
- How wide spread is the contamination? i.e. is the mold enclosed inside a cabinet, or does it cover the entire wall? When in doubt, contact a professional in your area.

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# Direct Exam Glossary



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\*\*\*Diagnosis of health effects should be left to a medical professional. Moldlab is not a clinical laboratory and does not have medical professionals on staff.

Health effects in general are not well studied, and dosage, exposure, and sensitivity thresholds are not well known and can potentially vary tremendously depending on various conditions and on the particular individual. Effects can also vary from species to species within a particular mold genus.

The EPA, OSHA, NIOSH and other occupational health related associations in the U.S. have not yet established permissible exposure levels (PEL), recommended exposure limits (REL), or other limit values for aeroallergens.

Please realize that the evaluation of one's specific results in terms of potential health hazards and subsequent courses of action are beyond the scope of the laboratory analysis.

Pictures / images are for *illustration* purposes only and are NOT of the samples tested.

Terminology:

Allergen- the most common effect, and can range from hay fever and asthma, to a very particular reaction in certain organs or tissues.

Contaminant- something that is present without injuring or benefiting the host; does not cause infection.

Opportunistic pathogen- Causes infection only when the weak or injured condition of the person gives the agent opportunity to infect; rarely infect persons who are otherwise healthy.

## Mold | Definition

## Images

### Alternaria (all-tur-nair'ee-uh)

Classification: Common Allergen / Contaminant / Opportunistic Pathogen (rarely)

Possible Health Effect: It is an important allergen and common agent of hay fever, asthma, and other allergy related symptoms, including sinusitis.

Macroscopic Morphology: The mold can appear gray / white at first than become greenish / black or brown with a lighter border over time.

Environment: Soil, Plants, Commonly found indoors on food and textiles.



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## Mold | Definition

## Images

### Cladosporium (clad-oh-spore-ee-um)

Classification: Common Allergen/ Contaminant

Possible Health Effect: Rarely pathogenic, it is a common agent of hay fever and asthma and other allergy related symptoms.

Macroscopic Morphology: Surface of the mold is greenish brown or can appear black in color with age and have heap or folded appearance.

Environment: Cladosporium can be found in most air samples most of the time. It is very common. Cladosporium is one of the types of mold found growing on HVAC vent covers and grills. It can grow on leaves, textiles, wood, paper, and decaying vegetation.



### Epithelial cells (ep-uh-three-lee-ul)

Classification: n/a

Possible Health Effects: n/a

Macroscopic Morphology: skin

Environment: aka 'skin' cells are naturally sloughed off every day by humans. They are a normal part of our air make-up. The sample used in the photo was stained blue for enhancement.



### Fibers (cellulose, synthetic, fiberglass, etc.)

#### Hyphal fragments (hy-full)

Classification: N/A

Possible Health Effects: N/A

Macroscopic Morphology: Not a type of mold.

A hyphal fragment is a small piece or portion of 'root'-like structure called hyphae / mycelia. Hyphal fragments are common in air samples. Mold type cannot be identified by the hyphae alone.

Environment: N/A



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Mold | Definition

Images

Pollen (paul-un)



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