

TESTS WE OFFER

#1: ERMI

Evaluates "Indoor moldiness" Identifies 36 species of mold (EPA Protocol and License)

Price \$240 - 7 days TAT

#2: ERMI + Endotoxin

Price \$365 - 7 days TAT

#3: HERTSMI-2

Is a building suitable for re-occupancy?
Mold test, also known as the "Big 5".
Dr. R. Shoemaker Protocol.

Price \$130; 7 Days TAT

#4: HERTSMI-2 + Endotoxin

Price \$255 - 7 days TAT

#5: Endotoxin

Measures bacteria cell wall fragments. Kinetic
LAL method (FDA approved)

Price \$145 - 7 Days TAT

#6: Actinomycetes + Fungi

DNA sequencing to the species level.
Microbial I.D Actinomycetes and Fungi

Price \$520 - 2 weeks TAT

#6: Actinomycetes, Endotoxin, HERTSMI-2, SM-AEH

Please see individual test details

Price \$435 - 2-3 Weeks TAT

#7: Actinomycetes, Endotoxin, ERMI SM-AEE

Please see individual test details

Price \$485 - 2-3 Weeks TAT

#8: Mycotoxins

Environmental samples. Swiffer and Vacuum.
High sensitivity LC MS/MS Method
700 biotoxins and metabolites.

Price \$275 - 2-3 weeks TAT

#9 Upgrade for HERTSMI-2 to ERMI

Limit for use is 30 days after the first report.

Price \$192 - 7 Days TAT

Chronic Conditions Associated with Mold and Biotoxin Exposure

- **Chronic Inflammatory Response Syndrome (CIRS)**
- **Chronic Lyme Disease (CLD)**
- **Type 3 Alzheimer's Disease**
- **Chronic Fatigue Syndrome (CFS)**
- **Children and Adult's Asthma**
- **Fibromyalgia**

Actinomycetes

The most frequent bacteria species found on Water-Damaged Building (Sick Building) are Actinobacteria (which includes Actinomyces and Mycobacteria). This is the kind of bacteria that produces biotoxins similar to mold mycotoxin. As a whole biotoxins from bacteria by weight and by mass are far more important than say, mycotoxins. " This test is based on Next Generation DNA sequencing, also known as 16S metagenomics. The test is based on microbial I.D of all the bacteria in the sample. The Actino test was developed by selecting the top 40 Actinobacteria species in the sample to create a score of actinobacteria in a sick building. Species included in the score have been reported on multiple studies.

The score ranges from a value of 0 to 40 Actinobacteria species.

Score system:

Fewer than 15 species: Healthy Building

16-20: Further investigation needed

21-40: Sick building

Mycotoxin:

Bioanalytical test performed with the high sensitivity LC/MS/MS Ion-Trap technology to detect and quantify over 600 biotoxins including all known mycotoxins and metabolites.

Mycotoxins are toxic chemicals present on spores and small fragments of mold and fungus that are released into the air.

Biotoxin refers to toxins from a microbial source, including bacteria or mold.

Reports of biotoxins detected in the dust sample, consist of biotoxin name and quantity and the potential microbial source.