Our Mycotoxin Testing Panel

AMEA and MESA offer environmental mycotoxin testing for the most commonly found indoor environmental air and surface mycotoxins, which pose a significant health risk, including Aflatoxins, Ochratoxins, and Trichothecenes groups. Upon request, DON (Vomitoxin), Zearalenone, and Fumonisin are available only upon special request as they have not been found above trace levels in the indoor environment.

- **Aflatoxin B1, B2, G1, G2**
- **Ochratoxin A**
- **Trichothecenes T2, HT2**
- **DON (Vomitoxin)**
  Upon Special Request
- **Zearalenone**
  Upon Special Request
- **Fumonisin**
  Upon Special Request

Our ELISA kits are a competitive immunoassay for the **quantitative analysis** of the mycotoxins that we test for to precisely calculate the concentrations of antigen in various samples.

AMEA air test results are reported for a one-hour exposure level.

Protect your health and home from mold-produced mycotoxins by testing your indoor environment today!

Let's Get Started

Creating peace of mind one sample at a time. Contact us to learn more.

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RESPIRARELABS
MYCOTOXIN ENVIRONMENTAL TESTING

Advanced Mycotoxin Testing Solutions

Surfaces

Airborne

The Importance of Indoor Mycotoxin Testing

Molds are capable of producing toxic chemical compounds called mycotoxins, which can easily become airborne, stick to various surfaces, and cause serious adverse health effects, including immune deficiency and cancer. Taking action to mitigate the danger they present to indoor environmental health is vital.

Spore Trap Testing Is Not Enough

Combining spore trap and mycotoxin testing is crucial to understanding your mold exposure. While spore trap sampling identifies spore species and quantity, it fails to identify airborne mycotoxins. Airborne mycotoxin testing detects toxic levels of mold-produced mycotoxins, evaluating potential health risks.

Safeguard Your Clients Health:

Identify the most common indoor mycotoxins that pose significant health hazards.

Post-Remediation Verification:

Mycotoxin testing is essential to confirm the successful reduction of mold-produced mycotoxins after remediation. Current protocols may not always be effective and can even increase their levels. To accurately assess your exposure to health hazards related to mold, spore trap, and air/surface mycotoxin testing are necessary tools.

Lingering Mycotoxins

Due to their chemical structure and resistance to breakdown, mycotoxins can persist even after mold removal. Testing is necessary to ensure removal and prevent ongoing health complications.

Mycotoxin Air Test: Advancing Indoor Air Quality

At Respirare Labs, we specialize in indoor mycotoxin testing and are learders in the industry. Our air testing process involves using an IOM sampler, which is widely regarded as the Gold Standard for collecting bioaerosols, particulates, and chemicals to determine airborne exposure levels. By utilizing our patented extraction process and ELISA (Enzyme-Linked Immunosorbent Assay), we are able to accurately detect the presence of the most common airborne mycotoxins in indoor environments, which can result from mold or water damage.

The Breathing Zone

Samples are taken at 5ft to ensure an accurate representation of potential mycotoxins inhaled.

Sample Type: Air Cassette

IOM samplers, in conjunction with our Myco-Cassettes, serve as the foremost option for gathering volatile organic compounds such as mycotoxins present in the air.

AMEA AIRBORNE MYCOTOXIN ENVIRONMENTAL ANALYSIS

Mycotoxin Suface Test: An Essential Safety Measure

To detect and measure the most common mycotoxins found on indoor surfaces, you can simply get a swab sample from surfaces such as walls, furnishings, and HVAC systems after remediation. This will help determine whether any leftover mold-produced mycotoxins remain. Our unique extraction method utilizes the Hygenia Q-Swab and ELISA (Enzyme-Linked Immunosorbent Assay) to evaluate indoor surfaces for mycotoxins, thereby minimizing your clients' exposure risk.

Sample Type: Swab

We use Q-Swab in surface analysis as it is a reliable and convenient standardized sample collection and delivery device developed and tested for environmental surface sampling.

Furniture/Walls

It's important to ensure that furniture and walls are free from any remaining mycotoxins and safe to use following your water or mold damage.

HVAC Systems

Mycotoxins can spread through HVAC systems and contaminate the air. Get your system checked to determine if it needs cleaning to prevent their spread.

MESA MYCOTOXIN ENVIRONMENTAL SURFACE ANALYSIS