

**MycoTOX**  
PROFILE

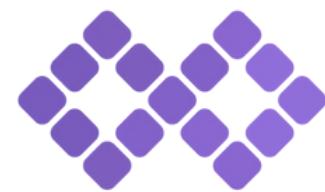
## Mycotoxins Test

The Mycotoxins panel measures levels of mycotoxins produced by common molds that people are exposed to. Mycotoxin exposure can come from both dietary and environmental sources. Dietary sources include spoiled or rotten foods, grains, dried fruits, nuts, coffee, and spices. Environmental sources include living or working in water-damaged buildings, airborne or physical contact with outdoor molds, and airborne dust in buildings containing mold spores. If you were diagnosed with or suspect toxic burden, impaired immunity, autoimmune disease, or exposure to mold, this panel may benefit you.

### What Patients Might Benefit MycoTOX

Exposure to molds can cause health concerns due to the mold spores and/or the toxic effects of mycotoxins. Exposed individuals typically display symptoms due to mold spores however the concomitant presence of mycotoxins warrants assessment due to their negative health impact from chronic exposure.

- Headache
- Allergic conjunctivitis (*red, itchy, watery eyes*)
- Sinus congestion
- Nasal congestion, running, and irritation
- Sneezing
- Sore throat
- Coughing, shortness of breath
- Asthma attack (*in individuals with underlying reactive airway disease*)
- Fatigue, insomnia, memory loss, trouble concentrating



# MycoTOX PROFILE

## Insight Into a Growing Health Threat

### How The MycoTOX Profile Guides Therapeutics

The MycoTOX Profile is Mosaic Diagnostic's comprehensive mycotoxin assessment which has been designed to provide insight into the role that these pervasive toxic compounds may be playing in individuals with suspected mold exposures.

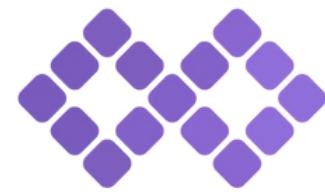
### What Patients Might Benefit MycoTOX

When considering therapeutics to address elevated levels of mycotoxins, it is important to remember the effect mycotoxins have on an individual is influenced by age, sex, presence of other underlying diseases and/or exposures, nutritional status, and length of exposure. As with any toxic exposure identifying and removing the source of the exposure is the first line of defense. Other therapeutic considerations to support the body with detoxification and elimination might include:

- Body Burden
- Detoxification Capacity
- Antioxidants
- Glutathione
- Binders

### Details

As part of a thorough clinical assessment of a patient's environmental body burden, Mosaic Diagnostic's MycoTOX Profile complements additional insights gleaned from the Organic Acids Test, GPL-TOX Profile, Heavy Metals Test, and/or Glyphosate Test. and as such, have been associated with numerous health concerns.



## **The Toxic Effect of Mycotoxins on Organ Systems**

### Acute vs Chronic Exposure to Mycotoxins

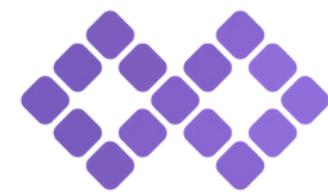
Acute exposure presents symptoms that are very severe and quick to show up. Symptoms are caused by exposure to large amounts of mycotoxins in one sitting. Chronic mycotoxicosis is exposure to a low dosage of mycotoxins for an extended period which can result in cancers and other serious health consequences. – WebMD

## **The Toxic Effect of Mycotoxins on Organ Systems**

Toxicities from mycotoxins can potentially affect many organ systems. Given their ubiquitous nature, mycotoxins have come under increased scrutiny as causative agents of illness in both humans and animals. While there are somewhere between 300-400 recognized mycotoxins, only a dozen groups have been labeled as the greatest health threats. Among these, *Aspergillus*, *Fusarium*, and *Penicillium* are the main genera responsible for mycotoxins in the human food chain.

Exposure to these environmentally ubiquitous compounds can cause disruption of cellular processes such as protein synthesis, result in mitochondrial damage as well as glutathione depletion – and as such, have been associated with numerous health concerns.

[MycoTox Testing Video On YouTube](#)



**MycoTOX**  
PROFILE

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