



## MYCOTOXIN PANEL - Test Code 3413



Turnaround Time : 12-15 business days



Specimen Type: Spot Urine

### Description

Mycotoxins are toxic secondary metabolites produced by certain mould species, which can significantly impact human health. Individuals exposed to toxic mould may experience respiratory issues, among other serious symptoms, as the toxins accumulate in the body (Schmidt et al., 2021). The Mycotoxin Panel is designed to identify mycotoxins present in the body, providing valuable insights into potential mould-related health issues.

Exposure to mycotoxins can result in neurotoxicity, impacting the central nervous system and potentially leading to cognitive impairments (Schmidt et al., 2021). Several types of mycotoxins are also carcinogenic, raising the risk of cancer in organs such as the liver and kidneys (Schmidt et al., 2021). Additionally, mycotoxins induce oxidative stress, a state where harmful free radicals damage cells, contributing to various chronic diseases (Schmidt et al., 2021). Mycotoxins can suppress immune function, leading to immunotoxicity, making individuals more susceptible to infections (Schmidt et al., 2021). Reproductive health can also be compromised, with some mycotoxins linked to infertility and other reproductive issues (Schmidt et al., 2021). Furthermore, exposure can cause significant damage to the liver, kidneys, and gastrointestinal tract, affecting overall health and bodily functions (Schmidt et al., 2021).

### Whats included?

- Ochratoxin A
- Aflatoxin Group
- Trichothecene Group
- Gliotoxin Derivative
- Zearalenone

### Conditions and Symptoms

- Sinus symptoms and nasal congestion
- Frequent respiratory infections
- Low immunity
- Mould Exposure
- Muscle and Joint Pain
- Anxiety and depression
- Brain fog and difficulty concentrating
- Chronic fatigue
- Skin reactions
- Hormonal imbalances
- Infertility or difficulty conceiving

### Complementary Testing

- MARCONS Nasopharyngeal Swab (Test code 3418)
- Organic Acids Environmental Pollutant Panel (Test code 4014)

### Accreditations Include:

- NATA ISO 15189 – Requirements for Quality and Competence in Medical Laboratories\*
- CLIA – Clinical Laboratories Improvement Amendments\*



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\*See NATA and CLIA website for further details