

RELIABLE TOXIC MOLD DETECTION

THE PROBLEM

Mycotoxins, fungal toxins often found on building materials, have been known to enter the human body. Certain trichothecene mycotoxins, such as Satratoxin G and H, can be produced by *Stachybotrys* species and can be found on the spores; these spores can be inhaled. The toxins are potent inhibitors of protein synthesis and are associated with human respiratory problems.

Current analytical methods are costly, time consuming and require expensive laboratory equipment.

SAMPLING

Mold and mycotoxin samples can be obtained from a variety of contaminated matrices including ceiling tile, dust, wood, drywall, and airborne particulates, using readily available sampling equipment such as swabs and air sampling filters. A simple buffer solution can be used for extraction.

Our low cost and time-saving tests allow for an adequate number of samples to be taken for an accurate assessment of exposure and risk.



Trichothecene Toxin Detection



QuantiTox™ Proven ELISA Technology

Trichothecene mycotoxins produced by *Stachybotrys* and other fungi may enter the body by way of skin, inhalation or ingestion. Exposure may cause serious health issues.

QuantiTox tests can detect and quantitate several trichothecenes, and are easier to run, faster, more sensitive and less expensive than HPLC and TLC. QuantiTox requires minimal equipment and training to perform.



Stachybotrys and Aspergillus Spore Detection



QuickTox™ Rapid On-Site Test

If large amounts of *Stachybotrys* or *Aspergillus niger* spores are found growing inside inhabited buildings, it is important to know this quickly to limit potential human exposure.

QuickTox requires virtually no equipment or reagents and will provide a yes/no answer with respect to spore presence in just 5 minutes...**On-Site!**

"Among the fungi that produce trichothecene mycotoxins, the fungus Stachybotrys appears to be the most serious threat as a contaminant in the indoor air of buildings and homes which have become water-damaged." – Bruce B. Jarvis, PhD



ENVIROLOGIX

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