

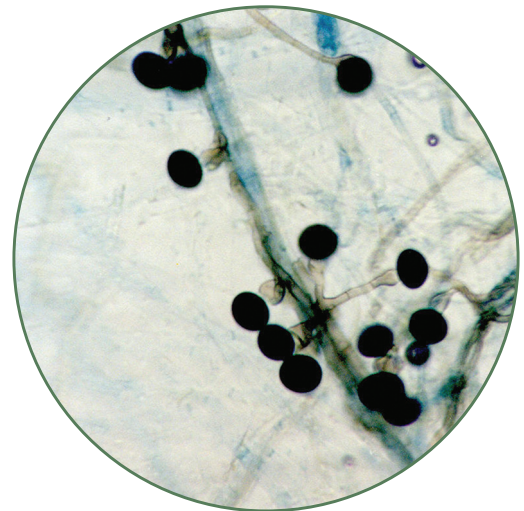
# MoldScan™ Plus

## Cost-effective screening tool to determine 21 specific MVOCs *plus* TVOCs

IAQ professionals are keenly aware of the importance of controlling mold and total VOCs (TVOCs) in indoor air. Mold and TVOCs affect productivity, employee disposition, and lost workdays.

MoldScan™Plus is Prism's most cost-effective screening tool for the detection of microbial metabolites known as Mold VOCs (MVOCs) in buildings where molds are a concern. MVOCs can cause irritation and allergic reactions, but, more importantly, MVOCs are biomarkers for molds that produce toxins that may adversely affect health. These toxins can cause severe allergic reactions and respiratory irritation and may exacerbate asthma symptoms or other respiratory ailments. Metabolic mold activity can occur in or on air ducts, wood cellulose, fiber, insulation, wallboard, evaporator coolers, concrete/masonry, ceiling tiles, and in many other places.

Using Prism's *TDT Air Scan*® technology, air is sampled through a proprietary multi-matrix sorption tube which is then sent to the Prism laboratory for the quantitative identification of 21 specific MVOCs. In addition to determining the level of mold contamination, TVOCs are also reported. If the TVOC level is high, a full 350+ compound *TDT Air Scan* analysis can be requested for an additional charge. **There is no need to take another sample**, and, since the TVOC level is known, you know ahead of time that the results from the additional analysis will be useful. The added assurance that valuable information will be available if the additional analysis is requested gives you the confidence that you are doing the best job possible for your company or client.



**Q:** *Do I have actively growing mold, and if so, how bad is it?*

**A:** *Molds can't hide from MoldScan™Plus. You'll get your answers with:*

- High sensitivity
- Non-destructive methods (no holes, no mess)

### MoldScanPlus Features

- ▼ Quantification of 21 specific MVOCs
- ▼ Categorization of mold level as Minimal, Low, Moderate, Heavy, or Severe
- ▼ TVOC level is reported
- ▼ One sample covers up to 2,000 sq. ft/zone/floor
- ▼ Optional *TDT Air Scan* analysis available at additional charge — no need to take another sample

## MoldScan™Plus Advantages:

- Establishes baseline for microbial activity
- Establishes science-based reports for MVOCs and TVOCs in your buildings
- Detects molds without visual contact or spore sampling
- High sensitivity – detects MVOCs to <60 parts per trillion
- Cuts analysis turnaround time in half relative to culturing of mold spores
- Eliminates need for structural destruction to search for microbial growth
- Low-cost survey; optional 350+ compound TDT Air Scan® analysis available
- More useful data with both MVOC and TVOC levels reported

## Easy-to-understand results

Each MoldScanPlus analytical report provides specific concentrations on 21 MVOCs, the TMVOC level, and the TVOC level. The table below delineates the TMVOC levels and their interpretation.

Sum (ng/L)	Level	Explanation
< 8	Minimal	Actively growing molds may be present, but are at or below levels found in most homes and working environments.
8 – 30	Low	Actively growing molds are present, but are at levels which, generally, may only affect people very sensitive to molds.
30 – 150	Moderate	Actively growing molds are present, significant allergic reactions are possible.
150 – 300	Heavy	Very significant levels of actively growing molds are present, significant allergic reactions are very probable.
> 300	Severe	Very high levels of actively growing molds are present, immediate action should be taken.

