



# Microbiology Sampling Protocols

## SanAir Technologies Laboratory Bio-Tape Sampling Method

### For D1, D2, and D3 Analyses

Following this general list of procedures will maximize the quality and accuracy of analysis.

Field Equipment:      Bio-Tapes  
                                 Permanent marker

- 1) Open the tape container. Using a permanent marker, write a unique sample number or the location of sampling on the label of the bio-tape.
- 2) Peel the protective liner off of the tape, making sure not to touch the adhesive.
- 3) Apply the adhesive side of the tape gently, but firmly, to the surface to be sampled. DO NOT rub the tape back and forth or grind the tape into the surface; this will destroy conidiophores and other fungal structures needed for identification.  
NOTE: Avoid sampling any surface areas with a high amount of debris.
- 4) Carefully place the tape back into the container, and close the container. Make sure the container is snapped shut on all sides to prevent the tape from slipping out. DO NOT re-apply the protective liner.
- 5) Write the sample information on the SanAir Technologies Laboratory Chain-of-Custody:

Sample Number (e.g. unique sample number or serial number)

Sample Identification (e.g. location of sampling)

Sample Type (T)

Analysis Type (D1, D2, or D3)

Turn-Around-Time (3, 6, 24, or 48 hours)

- 8) Repeat for each site remaining to be sampled.
- 9) Be sure to include a blank tape and at least one tape from a non-suspect area for control samples.
- 9) Make sure the package used for shipping is well-cushioned.

#### References

Bio-Tape Standardized Method for Surface Sampling Brochure (Zefon International, St. Petersburg, FL)



Bio-Tape Standardized Method for Surface Sampling: Sampling Procedure (Zefon International, St. Petersburg, FL)

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