

## Sampling Solutions for Mould & Other Bioaerosols

### Introduction

Bioaerosols include bacteria, fungi (mould), pollen, and viruses as well as their by-products, including endotoxins and mycotoxins. Mould, however, is the typical biological contaminant implicated in indoor air complaints.

SKC offers a variety of sampling solutions for bioaerosols, including mould. SKC active samplers require an air sample pump to collect hazardous gases, vapours, and particulates in air and on surfaces. Other solutions include surface sampling equipment used to determine mould growth on surfaces or materials.



### SKC Sampling Solutions

For over 50 years, SKC has led the research, design, and manufacture of quality sampling equipment and media to aid health and safety professionals in the evaluation of occupational and environmental hazards.

SKC method-based sampling solutions for mould and other bioaerosol testing include air sample pumps, bioaerosol samplers, filters, and filter and spore trap cassettes and surface samplers, following agency methods and established protocols.

#### Air Sample Pumps



#### Bioaerosol Samplers



#### Sampling Media



#### Surface Samplers



## Sample Collection

### Active Air Sampling Solutions

Target Compound	Select Methods*	SKC Sample Collection Media and Part No.	SKC Sample Pump and Part No.	Notes
Fungi (total)	-	Microvacuum Carpet Sampling Cassette <a href="#">225-9542</a> Carpet Sampling Cassette Kit <a href="#">225-9540</a>	<a href="#">Flite 4</a> 901-4011	Kit 225-9540 includes 10 microvacuum carpet cassettes 225-9542, 10 x 10 cm disposable templates, Luer adapters, zip bags, and labels
Fungi (total), pollen	-	VersaTrap Spore Trap Cassette <a href="#">225-9820</a>	<a href="#">Flite 4</a> 901-4011	
Fungi and bacteria (viable)	<a href="#">NIOSH 0800</a> <a href="#">NIOSH 0801</a>	BioStage single-stage cascade impactor <a href="#">225-9611</a>	<a href="#">BioLite+</a> 228-9620	
Fungi (viable & non-viable), endotoxins, viruses, and bacteria	-	BioSampler <a href="#">225-9595</a> and ViaTrap® Collection Media <a href="#">225-9598A</a>	<a href="#">BioLite+</a> 228-9620	Collection into liquid
Fungi (viable & non-viable), endotoxins, and bacteria	-	Button Sampler <a href="#">225-360</a> and a 25 mm gelatine filter <a href="#">225-9551</a> , MCE filter <a href="#">225-1912</a> , or PVC filter <a href="#">225-5-25</a>	<a href="#">AirChek TOUCH</a> 220-5000TC	225-9551 for viable analysis; 225-1912 or 225-5-25 for non-viable analysis
Mycobacterium tuberculosis	<a href="#">NIOSH 0900</a>	PTFE filter <a href="#">225-2705</a>	<a href="#">AirChek TOUCH</a> 220-5000TC	

\* Other methods may apply. SKC recommends those listed.

### Surface Sampling Solutions

For Sampling	SKC Sample Collection Media/Sampler and Part No.	Notes
Fungi (total), pollen	Stick-to-it Lift Tape <a href="#">225-9808</a>	Surface sampling
Fungi and bacteria (viable & non-viable)	Sterile Surface Swab Kit <a href="#">225-2402</a>	Surface sampling