



### Who We Are

Assured Bio Labs is an AIHA-LAP, LLC accredited full-range microbiology laboratory specializing in traditional culture, microscopic and molecular based analysis located in Oak Ridge, Tennessee.

Assured Bio processes and interprets samples from homes, office buildings, schools, hospitals, micro-sensitive manufacturing facilities, and other buildings.

Make Assured Bio your one-stop source for experimental consultation and product testing needs.

Schedule a free  
consultation today!

To learn more about our services  
and download a digital brochure  
Scan our QR code below.



### Contact Us:

Assured Bio Labs, LLC  
228 Midway Ln, STE B  
Oak Ridge, TN 37830

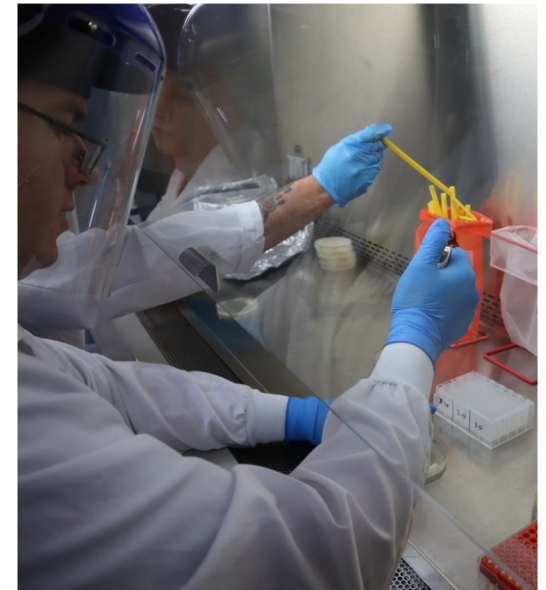
(865) 813-1700  
info@assuredbio.com  
www.assuredbio.com



assuredbio™

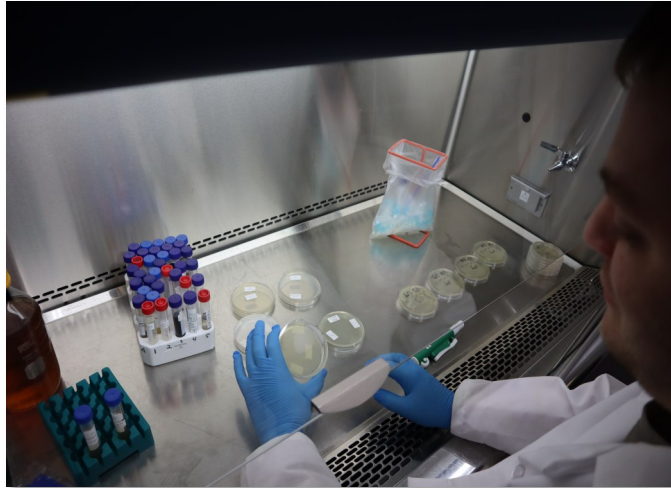
## **Product Testing with Assured Bio Labs**

Product Efficacy through Client  
Consultation, Experimental  
Design and Execution



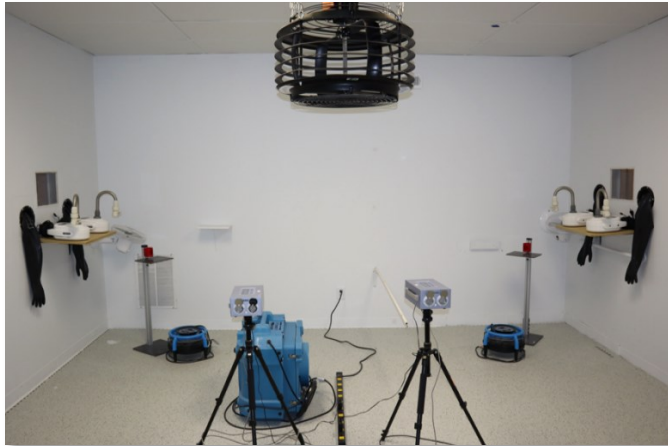
## Laboratory Testing Facility

Assured Bio is an AIHA accredited environmental microbiology lab and Bio-Safety Level II testing facility. We are the premier product testing lab for all of your microbial testing needs. With the use of our biocontainment hoods and biological monitoring equipment, our lab has assisted entrepreneurs across all industries ranging from healthcare, home good products, and more. Tests performed in the lab investigate antimicrobial efficacy of physical (filtration, UV, etc.) and chemical (disinfectants, etc.) systems. We design and fabricate custom parts for unique experiments that provide a high degree of flexibility.



## Air Cleaning Device and Product Testing Facility

Allow us to test the efficacy of your product in our one-of-a-kind, 2,295 c.f. fully customizable room. Our trained scientists control, monitor, and measure physical parameters within the room, such as temperature, humidity, air flow, particulate count, and size distribution. We work to stay on the forefront of bioaerosol testing instrumentation to provide our clients with the most accurate and reliable data.



## DIY Product Efficacy Testing and Consultation

The Assured Bio DIY Efficacy Testing and Consultation service is provided for clients who want to conduct experiments in their own space to determine the efficacy of an HVAC device or product for removal and inactivation of bacteria, mold, and viruses. Our microbiology experts work with clients to develop a sampling plan specific to your space.



## Test Package Options

### Basic Report

- Product is in the R&D phase
- Cost-effective
- Report includes raw data

### Advanced Report

- Meet Marketing needs
- In-depth analysis and detailed report
- Statistical methods are used to generate report
- Includes thorough methods with illustrations

### Good Laboratory Practices (GLP)

- Meet Marketing and EPA/FDA needs
- Adheres to GLP standards

---

## Common Challenge Organisms

### Bacteria:

*Staphylococcus aureus*,  
*Pseudomonas aeruginosa*,  
*Escherichia coli*, *Bacillus subtilis*

### Fungi:

*Aspergillus flavus*,  
*Cladosporium cladosporioides*,  
*Aspergillus brasiliensis*, *Candida albicans*

### Virus:

*E. coli* Bacteriophage MS2  
*Pseudomonas* Bacteriophage Phi6

### Common Equipment Used

HEPA, Andersen Impactor, Coriolis Samplers, Particle Sizer, Ozone Monitor, Commercial 3D Printer, Biological safety hoods, etc.