

The Results Are In...

Aerobiotix is the ONLY technology tested to remove airborne SARS-CoV-2



When it comes to creating safe environments, why take chances with unproven products making unsupported claims?

Evidence shows that SARS-CoV-2 is airborne.^{1,2} Aerobiotix ILLUVIA® air disinfection systems are the only technology proven to remove airborne SARS-CoV-2 in direct independent testing.

How was the SARS-CoV-2 testing performed?

In single-pass testing, SARS-CoV-2 aerosol was directly introduced into the device inflow and cultured at the outflow under 15 trials. The test unit consisted of the patented Aerobiotix photofiltration system, with simultaneous ultraviolet and mechanical filtration. Testing was performed at the Battelle Biomedical Research Center .

What were the results?

2760 TCID₅₀ SARS CoV-2 virions/L of air were introduced into the Aerobiotix unit and a control unit. Outflow sampling demonstrated **0% positive cultures for Aerobiotix** vs 40% for controls over 15 total trials. Results were statistically significant at $p < .09$

Why is this testing significant?

This testing is the only documented removal of airborne SARS-CoV-2 by any air disinfection system under direct testing. Additionally, the viral load utilized was far higher than would be normally present in room settings (mean 40 virions/L).

Want to see why Aerobiotix is the only choice for air disinfection? info@aerobiotix.com

1. World Health Organization, Modes of transmission of virus causing COVID-19: implications for IPC precaution recommendations, WHO Scientific Brief, 29 March 2020.

2. Morawska L, How can airborne transmission of COVID-19 indoors be minimised? Environment International 2020, 142: 105832