

# Air Disinfection Biosecurity vs. Escherichia coli



## AIRBORNE TESTS

Aerosolized E. coli

99.99% Log Reduction in four minutes;  
**non-detectable** in five minutes

Time (minutes)	CFU	Log	SD	Reduction
0	65,500,000	7.82	0.2	-
1	4,500,000	6.65	0.2	1.16
2	410,000	5.61	0.1	2.20
3	45,000	4.65	0.1	3.16
4	5,500	3.74	0.2	4.08
5	0	0	0.1	7.82

Lab testing conducted by:  
**Scientific Air Solutions**  
www.scientificairsolutions.com  
Turlock, CA

*Note: The implementation of ADB is not intended to take the place of reasonable pathogen transmission safety precautions. Please understand and comply with local, state, and federal guidelines and public health laws, and be aware of official guidance published by the Centers for Disease Control and Prevention (CDC), including but not limited to social distancing, hand hygiene, cough etiquette, and the use of face masks.*

