

Air Disinfection Biosecurity vs. Influenza A (H1N1)

AIRBORNE TESTS

Aerosolized H1N1 (starting reduction rate) - with initial levels MUCH HIGHER than found in nature

99.99% Log Reduction **in 3 minutes**

Time (minutes)	CFU	Log	SD	Reduction
0	11,200	4.5	0.3	-
1	3,900	3.59	0.2	3.59
2	750	2.88	0.2	3.65
3	0	0	0.0	4.50
4	0	0	0.0	4.50
5	0	0	0.0	4.50

Aerosolized H1N1 (in-treatment reduction rate) - with initial levels SLIGHTLY HIGHER than found in nature

Non-detectable **in 15 seconds**

Time (minutes)	CFU	Log	SD	Reduction
0	800	2.9	0.3	-
0.25	0	0	0.2	2.9
0.5	0	0	0.0	2.9
1	0	0	0.0	2.9
2	0	0	0.0	2.9
3	0	0	0.0	2.9

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.

