

# Air Disinfection Biosecurity vs. MRSA (Methicillin-resistant Staphylococcus aureus)

## SURFACE TESTS

### On PLASTIC

99.99% Log Reduction in 30 minutes;  
**non-detectable** in one hour

Time (hours)	CFU	Log	SD	Reduction
0	53,000,000	7.72	0.2	-
0.5	4,800	3.68	0.1	4.04
1	0	0	0.0	7.72
2	0	0	0.0	7.72
4	0	0	0.0	7.72
6	0	0	0.0	7.72

### On STAINLESS STEEL

99.99% Log Reduction in 30 minutes;  
**non-detectable** in one hour

Time (hours)	CFU	Log	SD	Reduction
0	53,000,000	7.72	0.2	-
0.5	3,500	3.54	0.2	4.18
1	0	0	0.0	7.72
2	0	0	0.0	7.72
4	0	0	0.0	7.72
6	0	0	0.0	7.72

### On FLOOR TILE

99.99% Log Reduction in 30 minutes;  
**non-detectable** in one hour

Time (hours)	CFU	Log	SD	Reduction
0	53,000,000	7.72	0.1	-
0.5	5,100	3.71	0.1	4.01
1	0	0	0.0	7.72
2	0	0	0.0	7.72
4	0	0	0.0	7.72
6	0	0	0.0	7.72

*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.*

