

PREVENTOGEN IN VITRO DATA – PERFORMED AT INDEPENDENT LABORATORIES UNDER GMP PROTOCOLS

MICROORGANISM SPECIES (ATCC OR BSLI #)	EXPOSURE TIME	LOG ₁₀ REDUCTION	PERCENT REDUCTION
Acinetobacter baumannii ¹⁰ (ATCC #BAA-1605)	30 seconds	5.05	99.99%
	60 seconds	5.05	99.99%
	120 seconds	5.05	99.99%
Campylobacter jejuni ¹⁰ (ATCC #BAA-373)	30 seconds	3.10	99.92%
	60 seconds	3.10	99.92%
	120 seconds	3.10	99.92%
Clostridioides difficile ¹⁰ (ATCC #9689)	30 seconds	2.49	99.68%
	60 seconds	2.60	99.75%
	120 seconds	2.52	99.70%
Enterobacter cloacae ¹⁰ (ATCC #BAA-2341)	30 seconds	5.34	99.99%
	60 seconds	5.34	99.99%
	120 seconds	5.34	99.99%
Mycobacterium avium ¹⁰ (ATCC #700897)	30 seconds	6.49	99.99%
	60 seconds	6.49	99.99%
	120 seconds	6.49	99.99%
Neisseria gonorrhoeae ¹⁰ (ATCC #BAA-1846)	30 seconds	3.93	99.99%
	60 seconds	3.93	99.99%
	120 seconds	3.93	99.99%
Shigella flexneri ¹⁰ (BSLI #080718Sfl)	30 seconds	5.26	99.99%
	60 seconds	5.26	99.99%
	120 seconds	5.26	99.99%
Streptococcus pneumoniae ¹⁰ (ATCC #700904)	30 seconds	5.79	99.99%
	60 seconds	5.79	99.99%
	120 seconds	5.79	99.99%
Monkeypox Virus strain USA-2003 ⁹ (BEI Resources #NR-2500)	30 seconds	3.25	99.94%
	60 seconds	3.25	99.94%
	120 seconds	3.25	99.94%
Candida auris ⁸ (AR-Bank #0390) antibiotic resistant strain	30 seconds	5.61	99.99%
	90 seconds	5.61	99.99%
	120 seconds	5.61	99.99%
Aspergillus brasiliensis ⁵ (ATCC #16404)	14 days	3.9230	99.9881%
	28 days	3.9230	99.9881%
Candida albicans ⁵ (ATCC #10231)	14 days	5.1591	99.9993%
	28 days	5.1591	99.9993%
Escherichia coli ⁵ (ATCC #8739)	14 days	4.2041	99.9938%
	28 days	4.2041	99.9938%
Pseudomonas aeruginosa ⁵ (ATCC #9027)	14 days	4.1072	99.9922%
	28 days	4.1072	99.9922%
Staphylococcus aureus ⁵ (ATCC #6538)	14 days	4.7160	99.9981%
	28 days	4.7160	99.9981%
Herpes Simplex Virus Type 1 ⁴ (ATCC #VR-260)	30 seconds	5.00	>99.99%
	90 seconds	5.00	>99.99%
	120 seconds	5.00	>99.99%
Varicella Zoster Virus ⁴ (ATCC #VR-1367)	30 seconds	4.00	99.99%
	90 seconds	4.00	99.99%
	120 seconds	4.00	99.99%
Streptococcus pneumoniae (ATCC #700904)	30 seconds	5.79	99.99%
	60 seconds	5.79	99.99%
	120 seconds	5.79	99.99%
Cutibacterium acnes (ATCC #6919) (Propionibacterium acnes)	30 seconds	>4.72	>99.9981%
	60 seconds	>4.72	>99.9981%
	120 seconds	>4.72	>99.9981%
Staphylococcus aureus MRSA (ATCC #43300)			
Streptococcus pyogenes (ATCC #19615)			
Enterococcus faecalis ² (VRE) (ATCC 51575, VRE)			
Trichophyton rubrum ¹			
Trichophyton mentagrophytes ¹			

REFERENCES

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