

Time Kill Study

Product: Clea Alcohol Instant Foam Hand Sanitizer - #CL11304, CL11904

Manufactured by Clea

Clea Alcohol Foam Instant Skin Sanitizer is very efficient at reducing bacteria on the skin, effective against a broad range of pathogenic bacteria and viruses in as little as 15 seconds as the Time Kill Data below illustrate.

This study is designed to examine the rate of kill of a test substance after inoculation with a test organism.

Results are expressed in percent reduction and log reduction of the test organism.

Exposure time 15 Seconds.

Organism	%Reduction	Log Reduction
<i>Aspergillus niger</i> ATCC 16404	99.24	>2.12 Log ₁₀
<i>Burkholderia cepacia</i> ATCC25416	99.9999	>6.09 Log ₁₀
<i>Candida albicans</i> ATCC 10231	99.9999	>6.08 Log ₁₀
<i>Enterococcus faecalis</i> Vancomycin Resistant (VRE) ATCC 51575	99.9999	>6.65 Log ₁₀
<i>Escherichia coli</i> ATCC 11229	99.9999	>5.96 Log ₁₀
<i>Klebsiella pneumoniae</i> ATCC 10031	99.9999	>6.15 Log ₁₀
<i>Listeria monocytogenes</i> ATCC 7644	99.9999	>6.15 Log ₁₀
<i>Mycobacterium fortuitum</i> ATCC 11440	99.99 (15 seconds)	4.25 Log ₁₀
	>99.999 (30 seconds)	>5.4 Log ₁₀
<i>Penicillium citrinum</i> ATCC 9849	99.96	3.46 Log ₁₀
<i>Pseudomonas aeruginosa</i> ATCC 9027	99.9999	>6.35 Log ₁₀
<i>Salmonella typhi</i> ATCC 6539	99.9999	>6.10 Log ₁₀
<i>Serratia marcescens</i> ATCC 14756	99.9999	>5.99 Log ₁₀
<i>Shigella flexneri</i> ATCC 12022	99.99	4.69 Log ₁₀
<i>Staphylococcus aureus</i> ATCC 6538	99.9999	>6.53 Log ₁₀
<i>Staphylococcus aureus</i> Methicillin Resistant (MRSA) ATCC 33592	99.9999	>6.78 Log ₁₀
<i>Staphylococcus epidermidis</i> ATCC 12228	99.9999	>5.92 Log ₁₀
<i>Streptococcus pneumonia</i> ATCC 6305	>99.68	>2.50 Log ₁₀
<i>Streptococcus pyogenes</i> ATCC 19615	99.9999	>6.04 Log ₁₀