



Non-GLP Custom Surface Time-Kill Study Update
Study ID: NG7039

Test Microorganism	Contact Time	CFU/Carrier	Average CFU/Carrier	Percent Reduction Compared to Control at Time Zero	Log ₁₀ Reduction Compared to Control at Time Zero
<i>P. aeruginosa</i> 15442	Numbers Control	1.52E+07	1.58E+07	N/A	N/A
		1.63E+07			
		1.40E+07			
	8 seconds	1.54E+05	1.32E+05	99.2%	2.08
		1.10E+05			

The limit of detection for this assay is 1.00E+01. Values less than the limit of detection are reported as <1.00E+01.

Test Microorganism	Contact Time	CFU/Carrier	Average CFU/Carrier	Percent Reduction Compared to Control at Time Zero	Log ₁₀ Reduction Compared to Control at Time Zero
<i>S. aureus</i> 33592 (MRSA)	Numbers Control	1.35E+07	1.36E+07	N/A	N/A
		1.37E+07			
		1.72E+07			
	8 seconds	5.72E+03	2.99E+03	99.98%	3.66
		2.50E+02			
	2.90E+04				

The limit of detection for this assay is 1.00E+01. Values less than the limit of detection are reported as <1.00E+01.

Test Microorganism	Contact Time	CFU/Carrier	Average CFU/Carrier	Percent Reduction Compared to Control at Time Zero	Log ₁₀ Reduction Compared to Control at Time Zero
<i>C. difficile</i> 43598 (Endospores)	Numbers Control	5.70E+06	5.80E+06	N/A	N/A
		5.90E+06			
		4.70E+06			
	5 seconds	4.50E+06	4.50E+06	22.4%	0.11
	8 seconds	1.10E+06	8.50E+05	85.3%	0.83
		6.00E+05			
	1.30E+06				

The limit of detection for this assay is 1.00E+02. Values less than the limit of detection are reported as <1.00E+02.



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<i>S. pyogenes</i> 19615	Numbers Control	2.10E+07	2.60E+07	N/A	
		3.10E+07			
		2.60E+07			
	8 seconds	2.70E+02	1.64E+03	99.994%	4.20
		3.00E+03			
		2.00E+02			

The limit of detection for this assay is 1.00E+01. Values less than the limit of detection are reported as <1.00E+01.

Test Microorganism	Contact Time	CFU/Carrier	Average CFU/Carrier	Percent Reduction Compared to Control at Time Zero	Log ₁₀ Reduction Compared to Control at Time Zero
<i>E. faecalis</i> 51575 (VRE)	Numbers Control	7.80E+06	7.95E+06	N/A	
		8.10E+06			
		4.90E+06			
	8 seconds	2.70E+04	2.00E+04	99.75%	2.60
		1.30E+04			
		8.60E+02			

The limit of detection for this assay is 1.00E+01. Values less than the limit of detection are reported as <1.00E+01.

Test Microorganism	Contact Time	CFU/Carrier	Average CFU/Carrier	Percent Reduction Compared to Control at Time Zero	Log ₁₀ Reduction Compared to Control at Time Zero
<i>E. coli</i> BAA - 2469 (CRE)	Numbers Control	1.31E+07	1.42E+07	N/A	
		1.53E+07			
		1.69E+07			
	8 seconds	8.00E+03	1.90E+04	99.87%	2.87
		3.00E+04			
		1.87E+05			

The limit of detection for this assay is 1.00E+01. Values less than the limit of detection are reported as <1.00E+01.