

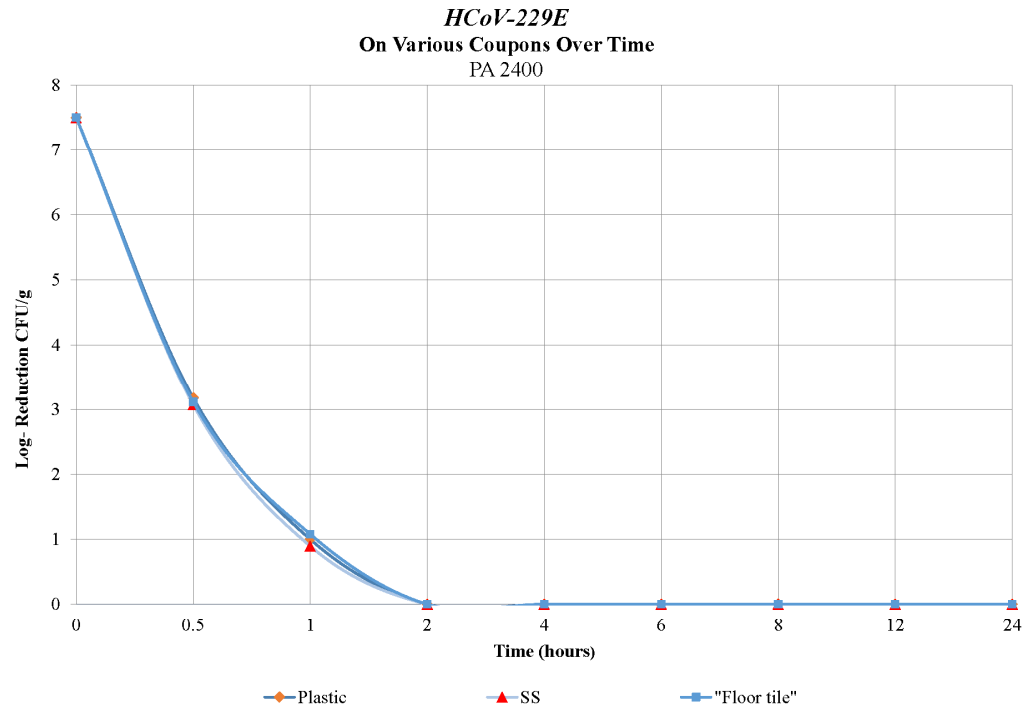
Effects of Advanced Oxidation Technology on *Human Coronavirus HCoV-229E* on Various Surfaces*

HCoV-229E has the same genetics as SARS-CoV-2 (COVID-19)

PA 2400				
Time	<i>Human Coronavirus 229E</i>			Reduction
	Plastic			
	CFU	Log	SD	
0	32,000,000	7.51	0.3	-
0.5	1,510	3.18	0.2	4.33
1	10	1.00	0.2	6.51
2	<1	0.00	0.1	7.51
4	<1	0.00	0.1	7.51
6	<1	0.00	0.1	7.51
8	<1	0.00	0.2	7.51
12	<1	0.00	0.1	7.51
24	<1	0.00	0.1	7.51

PA 2400				
Time	<i>Human Coronavirus 229E</i>			Reduction
	Stainless Steel			
	CFU	Log	SD	
0	32,000,000	7.51	0.2	-
0.5	1,210	3.08	0.3	4.43
1	8	0.90	0.2	6.61
2	<1	0.00	0.1	7.51
4	<1	0.00	0.1	7.51
6	<1	0.00	0.1	7.51
8	<1	0.00	0.1	7.51
12	<1	0.00	0.1	7.51
24	<1	0.00	0.1	7.51

PA 2400				
Time	<i>Human Coronavirus 229E</i>			Reduction
	Floor Tile			
	CFU	Log	SD	
0	32,000,000	7.51	0.4	-
0.5	1,310	3.12	0.3	4.39
1	12	1.08	0.3	6.43
2	<1	0.00	0.1	7.51
4	<1	0.00	0.1	7.51
6	<1	0.00	0.1	7.51
8	<1	0.00	0.1	7.51
12	<1	0.00	0.1	7.51
24	<1	0.00	0.1	7.51



* Tests conducted by Scientific Air Solutions, a Biosafety Level 2 facility, in a test chamber (6' x 4' x 10') by exposing coupons inoculated with indicated organism – reflects actual virus and reductions over time. Advanced oxidation system developed by airPHX company.
HCoV-229E shares the same genetic material as SARS-CoV-2.