

Table S1: Titer, Total Virus Particles and Ratio of Defective Particles:Infectious Virions of HCoV-OC43 propagated in HRT-18, MRC-5 and Vero E6 cells.

Cell Line	Day	Log₁₀ TCID₅₀/ml	Std. Error	Virus particles/ml	Std. Error	Total Particles	Infectious Particles	Defective Particles	Defective particles: Infections virions
HRT-18	1	5.15	0.07	6.77	0.07	5.89E+06	1.40E+05	5.75E+06	41.1
HRT-18	2	5.59	0.13	7.18	0.21	1.51E+07	3.90E+05	1.47E+07	37.8
HRT-18	3	5.86	0.28	7.87	0.04	7.41E+07	7.21E+05	7.34E+07	101.7
HRT-18	4	5.69	0.07	8.21	0.01	1.62E+08	4.91E+05	1.62E+08	329.4
HRT-18	5	6.40	0.39	8.37	0.03	2.34E+08	2.50E+06	2.32E+08	92.9
HRT-18	6	6.47	0.10	8.37	0.05	2.34E+08	2.98E+06	2.31E+08	77.6
HRT-18	7	6.48	0.20	8.46	0.05	2.88E+08	3.03E+06	2.85E+08	94.3
Cell Line	Day	Log₁₀ PFU/ml	Std. Error	Virus particles/ml	Std. Error	Total Particles	Infectious Particles	Defective Particles	Defective particles: Infections virions
MRC-5	1	6.75	0.08	6.59	0.02	3.86E+06	5.67E+06	-1.81E+06	N/A*
MRC-5	2	6.92	0.07	7.45	0.07	2.80E+07	8.25E+06	1.98E+07	2.4
MRC-5	3	6.89	0.08	7.24	0.07	1.73E+07	7.76E+06	9.50E+06	1.2
MRC-5	4	7.02	0.07	7.18	0.08	1.51E+07	1.04E+07	4.69E+06	0.5
MRC-5	5	6.59	0.15	7.17	0.03	1.49E+07	3.86E+06	1.10E+07	2.9
MRC-5	6	6.51	0.06	7.09	0.01	1.23E+07	3.26E+06	9.06E+06	2.8
MRC-5	7	6.07	0.03	7.43	0.12	2.71E+07	1.17E+06	2.59E+07	22.1
Cell Line	Day	Log₁₀ TCID₅₀/ml	Std. Error	Virus particles/ml	Std. Error	Total Particles	Infectious Particles	Defective Particles	Defective particles: Infections virions
Vero E6	1	4.83	0.22	N/A	N/A	N/A	N/A	N/A	N/A
Vero E6	2	5.38	0.12	N/A	N/A	N/A	N/A	N/A	N/A
Vero E6	3	5.67	0.07	N/A	N/A	N/A	N/A	N/A	N/A
Vero E6	4	6.55	0.04	6.95	0.38	8.93E+06	3.55E+06	5.39E+06	1.5
Vero E6	5	6.71	0.21	7.65	0.33	4.44E+07	5.10E+06	3.93E+07	7.7
Vero E6	6	6.47	0.04	8.14	0.18	1.39E+08	2.97E+06	1.36E+08	46.0
Vero E6	7	6.51	0.13	8.51	0.10	3.21E+08	3.25E+06	3.18E+08	97.9

* Value not able to be determined because Virus Particles/ml were less than PFU/ml.