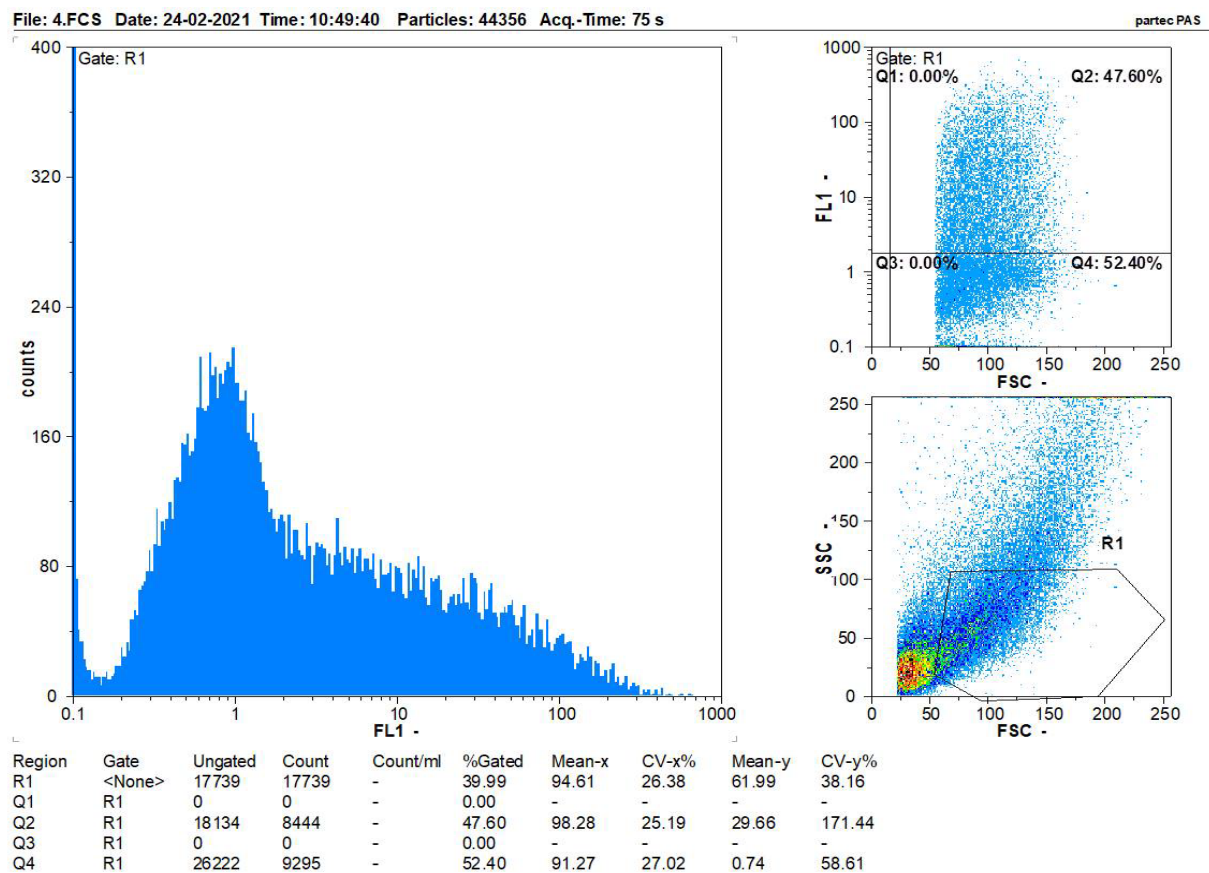


Appendix 1. Neutralization assay of control chicken sera using H5 and VSV pseudoviruses (Mean±SD)

	Transduction unit per ml (TU/ml)				Virus control (no serum)
	Serum sample Dilution				
	1:32	1:64	1:128	1:256	
H5 pseudovirus Mean±SD	(6.63±0.98)×10 ³	(1.43±0.23)×10 ⁴	(2.31±0.14)×10 ⁴	(2.96±0.11)×10 ⁴	(3.33±0.04)×10 ⁴
VSV pseudovirus Mean±SD	(2.74±0.07)×10 ⁴	(2.86±0.05)×10 ⁴	(2.89±0.04)×10 ⁴	(3.12±0.03)×10 ⁴	(3.20±0.02)×10 ⁴

Appendix 2 A-D, High quality images of the flow cytometry results

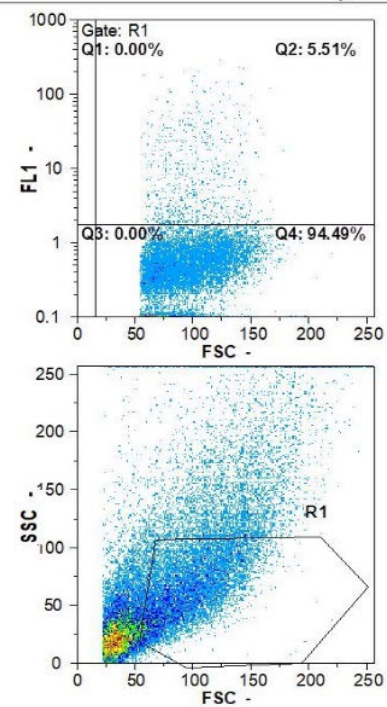
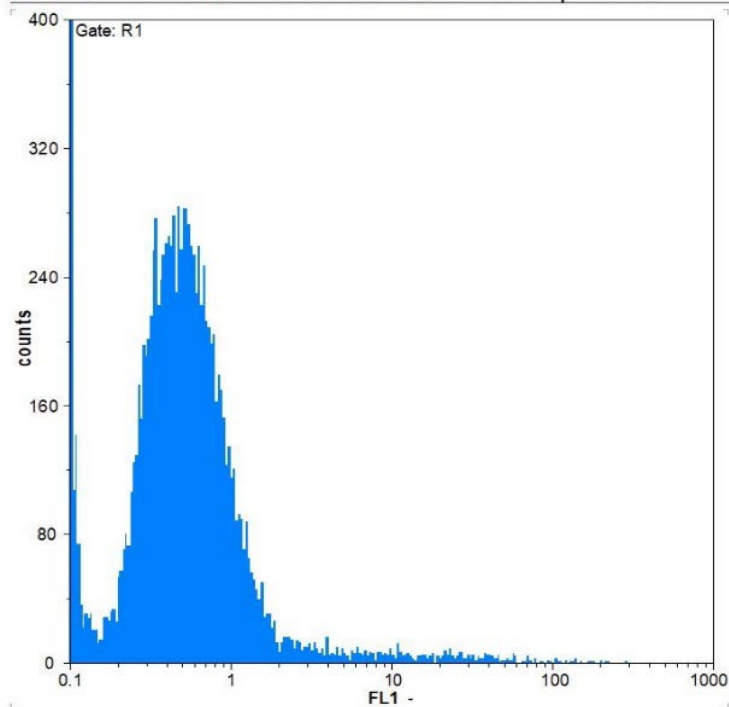
Appendix 2A



Appendix 2B

File: 6.FCS Date: 24-02-2021 Time: 10:51:49 Particles: 31023 Acq.-Time: 46 s

partec PAS

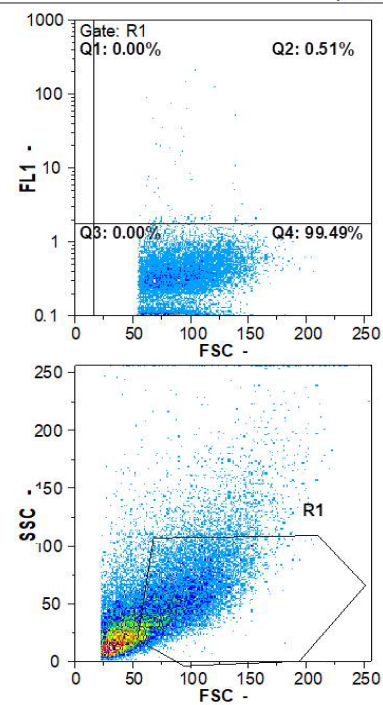
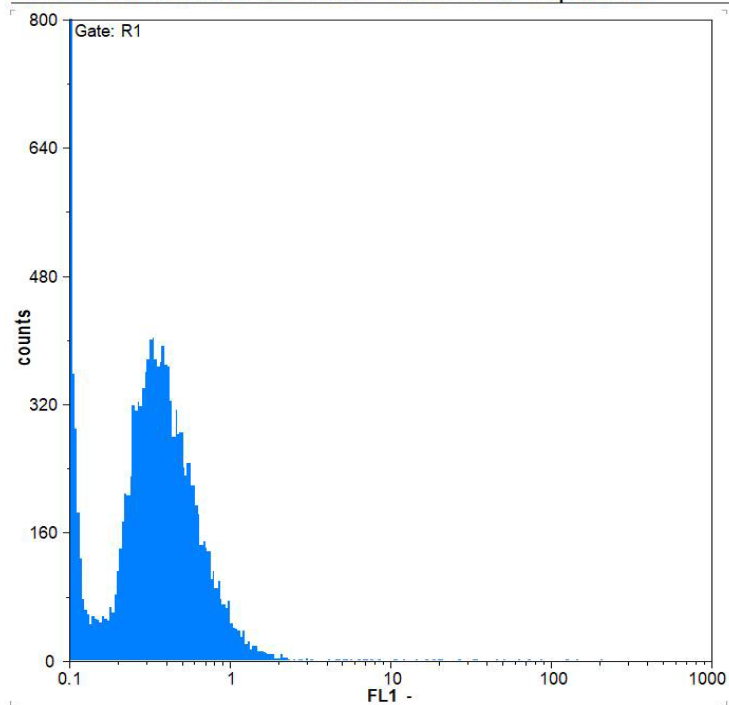


Region	Gate	Ungated	Count	Count/ml	%Gated	Mean-x	CV-x%	Mean-y	CV-y%
R1	<None>	12316	12316	-	39.70	94.85	27.44	60.50	39.29
Q1	R1	0	0	-	0.00	-	-	-	-
Q2	R1	2138	679	-	5.51	101.73	25.38	17.35	178.00
Q3	R1	0	0	-	0.00	-	-	-	-
Q4	R1	28885	11637	-	94.49	94.45	27.51	0.53	62.44

Appendix 2C

File: 7.FCS Date: 24-02-2021 Time: 10:52:53 Particles: 31507 Acq-Time: 40 s

partec PAS

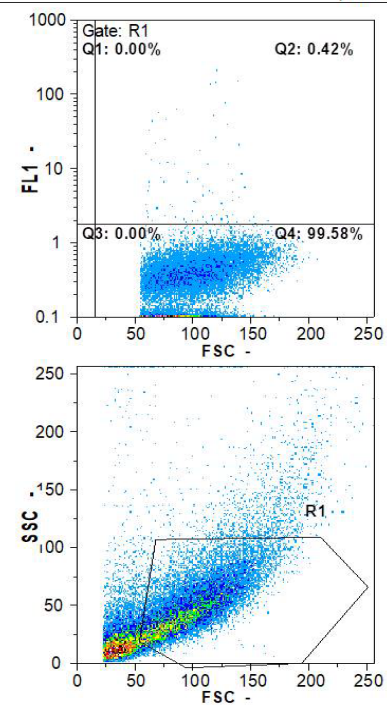
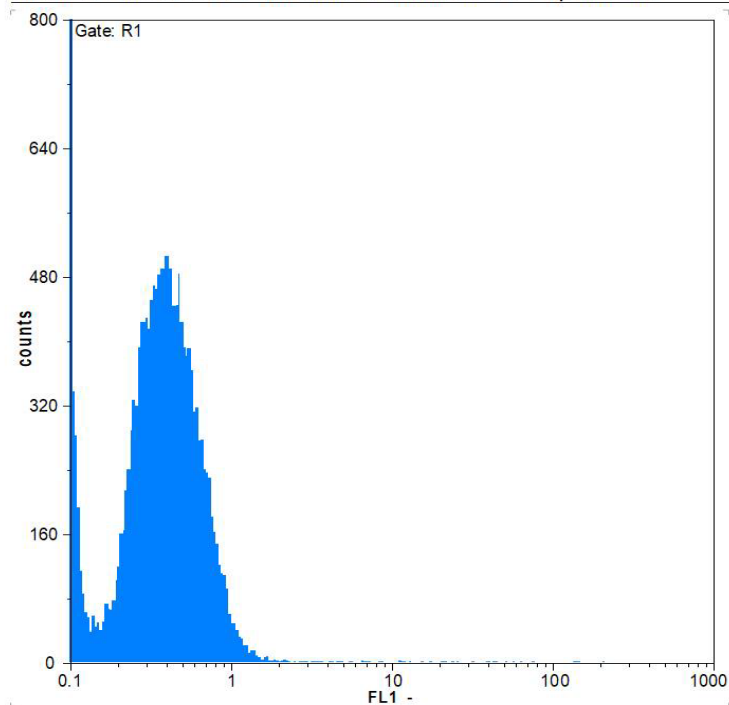


Region	Gate	Ungated	Count	Count/ml	%Gated	Mean-x	CV-x%	Mean-y	CV-y%
R1	<None>	15272	15272	-	48.47	92.15	26.39	54.35	41.08
Q1	R1	0	0	-	0.00	-	-	-	-
Q2	R1	267	78	-	0.51	98.74	28.35	15.37	222.53
Q3	R1	0	0	-	0.00	-	-	-	-
Q4	R1	31240	15194	-	99.49	92.12	26.37	0.36	68.44

Appendix 2D

File: 5.FCS Date: 24-02-2021 Time: 10:50:42 Particles: 30961 Acq.-Time: 35 s

partec PAS



Region	Gate	Ungated	Count	Count/ml	%Gated	Mean-x	CV-x%	Mean-y	CV-y%
R1	<None>	18857	18857	-	60.91	100.93	27.53	49.74	41.89
Q1	R1	0	0	-	0.00	-	-	-	-
Q2	R1	214	80	-	0.42	105.06	27.45	17.84	202.87
Q3	R1	0	0	-	0.00	-	-	-	-
Q4	R1	30747	18777	-	99.58	100.92	27.53	0.39	59.70