

S.No	Test Plate	Sample ID	Observed O.D.	Adjusted O.D.	RI (Relative Index)	CMV IgG Serostatus Prediction
1	Plate1	Sample ID 1	0.362	0.173	9.2	-
2	Plate1	Sample ID 2	0.261	0.072	3.8	-
3	Plate1	Sample ID 3	0.292	0.103	5.5	-
4	Plate1	Sample ID 4	0.195	0.006	0.3	-
5	Plate1	Sample ID 5	1.401	1.213	64.6	+
6	Plate1	Sample ID 6	0.218	0.030	1.6	-
7	Plate1	Sample ID 7	0.377	0.188	10.0	-
8	Plate1	Sample ID 8	0.883	0.695	37.0	+
9	Plate1	Sample ID 9	2.299	2.111	112.5	+
10	Plate1	Sample ID 10	0.320	0.132	7.0	-
11	Plate1	Sample ID 11	0.309	0.121	6.4	-
12	Plate1	Sample ID 12	1.941	1.752	93.4	+
13	Plate1	Sample ID 13	0.764	0.575	30.7	+
14	Plate1	Sample ID 14	1.391	1.203	64.1	+
15	Plate1	Sample ID 15	0.260	0.072	3.8	-
16	Plate1	Sample ID 16	0.240	0.051	2.7	-
17	Plate1	Sample ID 17	0.241	0.052	2.8	-
18	Plate1	Sample ID 18	0.212	0.023	1.2	-
19	Plate1	Sample ID 19	0.210	0.022	1.2	-
20	Plate1	Sample ID 20	0.682	0.494	26.3	+
21	Plate1	Sample ID 21	1.514	1.326	70.7	+
22	Plate1	Sample ID 22	0.341	0.153	8.1	-
23	Plate1	Sample ID 23	0.199	0.011	0.6	-
24	Plate1	Sample ID 24	0.212	0.024	1.3	-
25	Plate1	Sample ID 25	0.301	0.112	6.0	-
26	Plate1	Sample ID 26	0.238	0.049	2.6	-
27	Plate1	Sample ID 27	0.228	0.039	2.1	-
28	Plate1	Sample ID 28	0.738	0.549	29.3	+
29	Plate1	Sample ID 29	0.231	0.042	2.2	-
30	Plate1	Sample ID 30	0.239	0.050	2.7	-
31	Plate1	Sample ID 31	0.232	0.043	2.3	-
32	Plate1	Sample ID 32	1.080	0.892	47.5	+
33	Plate1	Sample ID 33	1.589	1.401	74.6	+
34	Plate1	Sample ID 34	0.201	0.012	0.7	-
35	Plate1	Sample ID 35	0.280	0.091	4.9	-
36	Plate1	Sample ID 36	0.216	0.027	1.4	-
37	Plate1	Sample ID 37	0.239	0.050	2.7	-
38	Plate1	Sample ID 38	0.183	-0.005	-0.3	-
39	Plate1	Sample ID 39	0.218	0.030	1.6	-
40	Plate1	Sample ID 40	1.131	0.943	50.2	+
41	Plate1	Sample ID 41	0.212	0.023	1.2	-

42	Plate1	Sample ID 42	0.194	0.005	0.3	-
43	Plate1	Sample ID 43	0.276	0.087	4.7	-
44	Plate1	Sample ID 44	0.627	0.438	23.4	+
45	Plate1	Sample ID 45	0.226	0.038	2.0	-
46	Plate1	Sample ID 46	0.353	0.165	8.8	-
47	Plate1	Sample ID 47	0.230	0.042	2.2	-
48	Plate1	Sample ID 48	0.710	0.522	27.8	+
49	Plate1	Sample ID 49	0.202	0.014	0.7	-
50	Plate1	Sample ID 50	0.262	0.073	3.9	-
51	Plate1	Sample ID 51	0.236	0.047	2.5	-
52	Plate1	Sample ID 52	0.264	0.076	4.0	-
53	Plate1	Sample ID 53	0.196	0.008	0.4	-
54	Plate1	Sample ID 54	0.261	0.073	3.9	-
55	Plate1	Sample ID 55	0.209	0.021	1.1	-
56	Plate1	Sample ID 56	0.736	0.547	29.2	+
57	Plate1	Sample ID 57	1.102	0.913	48.7	+
58	Plate1	Sample ID 58	0.219	0.031	1.6	-
59	Plate1	Sample ID 59	0.207	0.019	1.0	-
60	Plate1	Sample ID 60	0.503	0.315	16.8	-/+
61	Plate1	Sample ID 61	0.273	0.085	4.5	-
62	Plate1	Sample ID 62	0.287	0.099	5.3	-
63	Plate1	Sample ID 63	1.370	1.182	63.0	+
64	Plate1	Sample ID 64	1.621	1.432	76.3	+
65	Plate1	Sample ID 65	0.240	0.052	2.8	-
66	Plate1	Sample ID 66	0.199	0.010	0.6	-
67	Plate1	Sample ID 67	0.861	0.673	35.9	+
68	Plate1	Sample ID 68	0.215	0.026	1.4	-
69	Plate1	Sample ID 69	0.233	0.044	2.4	-
70	Plate1	Sample ID 70	0.342	0.153	8.2	-
71	Plate1	Sample ID 71	0.208	0.020	1.0	-
72	Plate1	Sample ID 72	0.220	0.032	1.7	-
73	Plate1	Sample ID 73	0.274	0.085	4.5	-
74	Plate1	Sample ID 74	0.217	0.029	1.5	-
75	Plate1	Sample ID 75	1.253	1.064	56.7	+
76	Plate1	Sample ID 76	0.293	0.105	5.6	-
77	Plate1	Sample ID 77	0.350	0.161	8.6	-
78	Plate1	Sample ID 78	0.223	0.035	1.8	-
79	Plate1	Sample ID 79	0.244	0.055	2.9	-
80	Plate1	Sample ID 80	0.276	0.087	4.6	-
81	Plate1	Sample ID 81	0.250	0.062	3.3	-
82	Plate1	Sample ID 82	0.209	0.020	1.1	-
83	Plate1	Sample ID 83	0.257	0.068	3.6	-
84	Plate1	Sample ID 84	0.250	0.062	3.3	-
85	Plate1	Sample ID 85	1.734	1.545	82.4	+

86	Plate1	Sample ID 86	0.199	0.011	0.6	-
87	Plate1	Sample ID 87	0.218	0.030	1.6	-
88	Plate1	Sample ID 88	0.236	0.048	2.5	-
89	Plate1	Sample ID 89	0.225	0.037	2.0	-
90	Plate2	Sample ID 90	0.255	0.062	3.1	-
91	Plate2	Sample ID 91	0.338	0.145	7.2	-
92	Plate2	Sample ID 92	0.289	0.096	4.8	-
93	Plate2	Sample ID 93	0.301	0.108	5.3	-
94	Plate2	Sample ID 94	0.832	0.639	31.6	+
95	Plate2	Sample ID 95	0.255	0.062	3.1	-
96	Plate2	Sample ID 96	0.222	0.029	1.4	-
97	Plate2	Sample ID 97	0.259	0.067	3.3	-
98	Plate2	Sample ID 98	1.121	0.929	45.9	+
99	Plate2	Sample ID 99	1.738	1.546	76.4	+
100	Plate2	Sample ID 100	0.217	0.024	1.2	-
101	Plate2	Sample ID 101	0.264	0.071	3.5	-
102	Plate2	Sample ID 102	0.321	0.128	6.3	-
103	Plate2	Sample ID 103	0.226	0.034	1.7	-
104	Plate2	Sample ID 104	1.249	1.057	52.2	+
105	Plate2	Sample ID 105	0.189	-0.003	-0.2	-
106	Plate2	Sample ID 106	0.216	0.023	1.1	-
107	Plate2	Sample ID 107	2.138	1.946	96.2	+
108	Plate2	Sample ID 108	0.248	0.055	2.7	-
109	Plate2	Sample ID 109	0.274	0.081	4.0	-
110	Plate2	Sample ID 110	0.254	0.062	3.1	-
111	Plate2	Sample ID 111	0.237	0.044	2.2	-
112	Plate2	Sample ID 112	0.336	0.143	7.1	-
113	Plate2	Sample ID 113	0.208	0.015	0.8	-
114	Plate2	Sample ID 114	0.212	0.019	1.0	-
115	Plate2	Sample ID 115	0.245	0.052	2.6	-
116	Plate2	Sample ID 116	0.247	0.054	2.7	-
117	Plate2	Sample ID 117	0.247	0.054	2.7	-
118	Plate2	Sample ID 118	0.238	0.045	2.2	-
119	Plate2	Sample ID 119	0.537	0.345	17.0	-/+

Negative (-)	RI < 15
Inconclusive (-/+)	15 ≤ RI ≤ 20
Positive (+)	20 < RI

Adjusted O.D. (Adjusted optical density)	Observed OD value of sample - observed OD value of Blank with swab
RI (Relative Index) Adjusted OD value of Positive control	$\frac{\text{Adjusted OD value of sample}}{\text{Average of Adjusted OD value of Positive control}} \times 100$