

Supplementary Table 1. Clinical characteristics of patients diagnosed with multisystem inflammatory syndrome in children

SN	Sample ID	Age	Sex	Clinical presentation	Pretherapy concentration of sC5b-9 levels (ng/mL)	Posttherapy concentration of sC5b-9 levels (ng/mL)
1	R85	1 Yr	M	Fever with acute gastrointestinal symptoms	4242.521	3617.132
2	R87	4 Yr	F	Fever with multiorgan dysfunction	4071.96	1659.749
3	R91	3 Yr	M	Fever, altered sensorium and respiratory distress (COVID positive)	3976.528	2547.069
4	R94	1 Yr	M	Fever and shock	7754.839	4486.551
5	R100	2 Yr	M	Fever and shock	5081.458	3627.514
6	R6	1 Yr	M	Fever with acute gastroenteritis and bronchitis	926.508	564.909
7	R7	8 Yr	M	Fever and shock	1348.372	1703.274
8	R105	13 Yr	F	Fever and shock	4575.417	344.416
9	R106	2 Yr	F	Fever and shock	3242.429	1161.488
10	R46	3 Yr	F	Fever with gastroenteritis	2198.256	1744.052
11	R45	16 Yr	F	Fever with multiorgan dysfunction	3289.331	2417.952
12	R44	7 Yr	F	Fever with gastroenteritis	2904.245	1512.014
13	R13	8 Yr	M	Fever and lower respiratory tract infection	1718.022	735.73
14	R14	2 Yr	M	Fever, seizures, upper respiratory tract infection	1641.032	1060.948
15	R15	1 Yr	F	Fever with upper respiratory tract infection	1825.543	1348.999
16	R41	10 Yr	M	Fever with gastroenteritis	3848.7	1395.995
17	R17	7 Yr	F	Fever and shock	1295.902	883.074
18	R40	2 Mo	M	Fever with gastroenteritis	3539.107	1380.973
19	R19	13 Yr	F	Fever and seizures	775.553	390.6
20	R39	10 Yr	F	Fever with gastroenteritis	2171.487	1463.632
21	R38	7 Yr	F	Fever with gastroenteritis	3339.224	2046.748
22	R37	6 Yr	F	Fever with gastroenteritis	2153.453	506.298
23	R36	4 Yr	M	Fever with multiorgan dysfunction	2643.391	1251.726
24	R35	10 Yr	F	Fever with gastroenteritis	2753.101	1188.605
25	R25	1 Yr	M	Fever, acute meningoencephalitis with status epilepticus	1808.287	2141.47
26	R30	6 Yr	M	Fever with gastroenteritis	2222.585	1659.006
27	R31	3 mo	F	Fever with gastroenteritis	3899.798	2523.161
28	R28	1 Yr	F	Fever and lower respiratory tract infection	1148.558	584.404
29	R113	4 Mo	M	Fever with upper respiratory tract infection	2447.574	1178.767
30	R116	9 Yr	M	Fever with diarrhea and vomiting	5888.656	2257.5
31	R49	9 Yr	F	Fever with acute gastroenteritis and lower respiratory tract infection	1023.781	691.925
32	R54	6 Yr	M	Fever with respiratory tract infection	2545.039	257.858
33	R64	13 Yr	F	Fever with sepsis	4492.27	3156.032
34	R65	7 Yr	M	Fever with multiorgan dysfunction	3761.297	1618.159
35	R66	8 Yr	M	Fever with hepatosplenomegaly	4997.529	3414.084
36	R67	11 Yr	M	Fever and shock	3137.939	2590.746
37	R69	1 Yr	F	Fever and shock	3755.205	1405.869
38	R70	1 Yr	M	Fever with hepatomegaly	4232.368	3576.523
39	R73	4 Yr	F	Fever with upper respiratory tract infection	2532.856	1722.694
40	R74	1 Yr	M	Fever and gastroenteritis	3056.72	1830.309
41	R78	11 Yr	M	Fever with sepsis	4051.655	3586.675
42	R79	2 Yr	M	Fever and shock	2543.008	1818.126
43	R82	4 Mo	M	Fever with upper respiratory tract infection	3805.967	1040.452
44	K1	14 Yr	F	Fever and abdominal migraine	1542.016	1152.564
45	K2	6 Yr	M	Fever and shock	1754.444	968.732
46	K3	6 Yr	M	Fever and shock	2793.436	1198.863
47	K4	2 Yr	M	Fever and shock	2439.389	1659.124
48	R118	4 Yr	F	Fever with sepsis	3471.999	796.15
49	K6	8 Yr	M	Fever with diarrhea and vomiting	2970.542	1130.744

(continued)

Supplementary Table 1. Clinical characteristics of patients diagnosed with multisystem inflammatory syndrome in children (continued)

SN	Sample ID	Age	Sex	Clinical presentation	Pretherapy concentration of sC5b-9 levels (ng/mL)	Posttherapy concentration of sC5b-9 levels (ng/mL)
50	K7	6 Yr	F	Fever and shock	2956.842	1678.188
51	K8	5 Yr	M	Fever and shock	3363.948	859.545
52	K9	3 Yr	M	Fever and shock	1714.993	767.471
53	K10	4 Yr	F	Fever and lower respiratory tract infection	1957.34	1699.975
54	K11	16 Yr	M	Fever and shock	2616.412	1333.673
55	K12	13 Yr	F	Fever and shock	2325.005	1524.314
56	K14	2 Yr	F	Fever and shock	3527.403	1247.885
57	K13	16 Yr	M	Fever with respiratory tract infection	4947.676	4815.589
58	K16	13 Yr	F	Fever and shock	1661.847	1838.871
59	K17	5 Yr	F	Fever and shock	2352.812	1105.633
60	K18	1 Yr	M	Fever and shock	2604.157	2197.003
61	K19	16 Yr	M	Fever and shock	2344.069	1544.739
62	K20	1 Yr	F	Fever and shock	3384.036	1492.342
63	K21	8 Yr	F	Fever and shock	1711.644	605.087
64	K22	9 Yr	M	Fever and shock, acute gastroenteritis	5541.907	1241.232
65	K23	1 Yr	F	Fever and shock	4374.392	2316.834
66	K24	4 Yr	M	Fever and lower respiratory tract infection	3831.066	1113.074
67	K25	4 Yr	M	Fever, shock, upper respiratory tract infection	3410.821	1226.165
68	K26	3 Mo	M	Fever and shock	3237.356	2365.856
69	K42	2 Yr	F	Fever, upper respiratory tract infection and jaundice	4086.759	1999.280
70	K28	9 Yr	M	Fever and shock	2963.846	439.354
71	K43	11 Yr	M	Fever with upper respiratory tract infection	5185.170	2620.554
72	K30	4 Yr	M	Fever and shock	4688.134	1631.289
73	K44	1 Yr	F	Fever with splenomegaly	5089.080	3226.917
74	K46	2 Yr	F	Fever with upper respiratory tract infection	5546.337	3110.946
75	K47	5 Yr	F	Fever and shock	4694.779	3588.084
76	K41	2 Yr	F	Fever with upper respiratory tract infection	5576.159	2993.318
77	K40	14 Yr	M	Fever with diarrhea	4204.387	2449.911
78	K36	10 Yr	M	Fever and shock	5419.7	765.797
79	K39	3 Yr	F	Fever with upper respiratory tract infection	5605.980	2509.553
80	K38	16 Yr	M	Fever with upper respiratory tract infection	3641.842	1132.418
81	K49	16 Yr	M	Fever with upper respiratory tract infection	5380.665	2138.446
82	K50	4 Yr	M	Fever with upper respiratory tract infection	4348.522	2073.833
83	K51	4 Yr	M	Fever and shock	5418.769	3097.692
84	K52	10 Yr	M	Fever and shock	2905.511	2224.596
85	K53	6 Yr	M	Fever and shock	4530.762	2469.791
86	K55	4 Yr	M	Fever with arthralgia	3824.996	2671.912
87	K56	10 Yr	F	Fever with upper respiratory tract infection	3689.144	2188.148
88	K57	5 Yr	M	Fever with upper respiratory tract infection	5044.349	2433.343
89	K59	4 Yr	M	Fever and shock	5521.486	1828.637
90	K60	13 Yr	F	Fever with hepatomegaly and myocarditis	4555.613	4481.061
91	K62	10 Yr	F	Fever with pain abdomen	4881.989	1412.798
92	K65	11 Yr	M	Fever and shock	5084.110	3569.860
93	K66	3 Yr	M	Fever and shock	4285.567	2844.212
94	K68	4 Yr	M	Fever and diarrhea	5592.726	2430.030
95	K69	15 Yr	F	Fever with acute gastrointestinal symptoms and myocarditis	3304.783	1742.487
96	K70	8 Yr	F	Fever and upper respiratory tract infection	5481.725	4124.864
97	K73	5 Yr	M	Fever and upper respiratory tract infection	4643.420	2009.221
98	K74	5 Yr	M	Fever with respiratory distress, hepatosplenomegaly and myalgia	5476.755	2892.257
99	K75	3 Yr	M	Fever and shock	2890.601	3172.245
100	K77	4 Yr	M	Fever and upper respiratory tract infection	4176.222	2721.614

SN, sample number; ID, identification; M, male; F, female; COVID, coronavirus disease; sC5b-9, soluble C5b-9.