

Table S1 Plasma inflammatory cytokine levels.

		Non-Critical	Critical	Death	P
IL-2R (median (IQR))	At admission test	466.00 (306.00, 696.00)	828.00 (539.00, 1201.75)	1091.00 (683.75, 1617.75)	<0.001
	At second test	628.50 (410.75, 853.75)	1016.50 (634.50, 1379.50)	1189.00 (827.00, 1524.00)	<0.001
IL-8 (median (IQR))	At admission test	9.90 (6.12, 17.30)	17.55 (10.38, 30.00)	24.30 (15.10, 65.10)	<0.001
	At second test	14.70 (9.60, 26.37)	21.90 (13.48, 35.70)	42.20 (21.90, 63.40)	<0.001
TNF-a (median (IQR))	At admission test	7.80 (6.00, 9.90)	9.30 (7.50, 12.72)	11.15 (8.45, 15.50)	<0.001
	At second test	8.00 (5.88, 10.35)	11.40 (8.62, 14.80)	13.20 (7.90, 19.90)	<0.001
IL-10 (median (IQR))	At admission test	2.50 (2.50, 5.10)	5.20 (2.50, 9.17)	10.30 (6.85, 17.90)	<0.001
	At second test	2.50 (2.50, 6.15)	6.35 (2.50, 12.77)	8.40 (5.30, 16.50)	<0.001
IL-6 (median (IQR))	At admission test	4.54 (2.00, 15.58)	25.96 (11.11, 52.17)	63.03 (38.33, 163.55)	<0.001
	At second test	9.96 (2.48, 30.63)	27.29 (8.71, 80.47)	77.65 (29.54, 180.37)	<0.001

Data are shown as median (IQR). p values were calculated by Kruskal–Wallis rank test. The cytokines including IL-6, IL-8, IL-10, IL-2R and TNF-a at the admission and after admission were compared among non-critical, critical and death groups. If the value of biomarkers below the lower reference limit, half of the lower reference value was used.