

Table S1 Laboratory characteristics in COVID-19 inpatients without and with**T2DM**

	All (N=1105)	Non-T2DM (N=967)	T2DM (N=138)	<i>p</i> value
Hematologic				
White blood cells, ×10 ⁹ /L	5.69 (4.18-8.22)	5.65 (4.145-8.2)	6.08 (4.53-8.62)	0.074
Neutrophils, ×10 ⁹ /L	4.05 (2.60-6.77)	3.97 (2.55-6.60)	4.61 (3.21-7.49)	0.011
Lymphocytes, ×10 ⁹ /L	0.98 (0.65-1.36)	1.00 (0.67-1.38)	0.82 (0.59-1.19)	0.001
Monocytes, ×10 ⁹ /L	0.35 (0.25-0.48)	0.36 (0.25-0.48)	0.32 (0.22-0.48)	0.235
Platelets, ×10 ⁹ /L	207.00 (152.00- 269.00)	206.00 (152.00- 269.00)	211.50 (150.75- 270.50)	0.698
CD3, /μL	602.00 (410.75- 846.00)	611.00 (439.50- 890.25)	367.00 (239.00- 627.00)	0.028
CD4, /μL	349.00 (223.75- 562.00)	357.50 (234.00- 566.00)	234.00 (166.00- 359.25)	0.049
CD8, /μL	222.00 (142.00- 315.00)	234.00 (151.25- 319.50)	115.00 (77.75- 154.00)	0.005
Biochemical				
Total bilirubin, μmol/L	11.80 (9.30- 15.40)	11.80 (9.30-15.40)	12.20 (9.40-15.50)	0.962
AST, U/L	33.00 (25.00- 33.00)	33.00 (25.00- 33.00)	34.00 (25.00- 34.00)	0.468

	48.00)	47.00)	51.50)	
ALT, U/L	32.00 (19.00-51.00)	32.00 (19.00-51.00)	32.50 (21.00-46.00)	0.988
Total protein, g/L	63.95 (60.10-68.20)	64.00 (60.43-68.20)	62.70 (59.13-68.00)	0.126
Albumin, g/L	32.00 (28.95-35.15)	32.10 (29.20-35.40)	30.40 (27.00-34.00)	<0.00 1
Globulin, g/L	31.30 (28.80-34.70)	31.30 (28.70-34.60)	31.75 (29.20-36.03)	0.111
Prealbumin, mg/L	129.00 (87.75-182.00)	131.00 (88.00-189.50)	121.00 (85.00-156.00)	0.014
Urea, mmol/L	4.60 (3.50-6.10)	4.50 (3.49-5.86)	5.75 (4.40-8.03)	<0.00 1
Creatinine, μ mol/L	69.30 (57.50-82.10)	68.50 (57.20-81.00)	74.70 (60.90-96.00)	<0.00 1
Glucose, mmol/L	6.00 (5.10-7.80)	5.80 (5.10-7.20)	8.70 (6.23-13.38)	<0.00 1
hs-TnI, pg/mL	4.10 (1.60-11.78)	3.90 (1.40-10.23)	9.65 (2.90-30.90)	<0.00 1
CK-MB, U/L	13.00 (10.00-17.00)	13.00 (10.00-17.00)	15.00 (10.00-20.00)	0.014
Cholinesterase, U/L	7674.00	7768.50 (6401.75-	6904.50 (5679.00-	<0.00

	(6324.50- 8951.25)	9004.50)	8741.00)	1
Cystatin C, mg/L	0.87 (0.73-1.04)	0.85 (0.72-1.02)	1.01 (0.85-1.48)	<0.00 1
LDH, U/L	285.00 (223.00- 390.00)	278.50 (221.00- 379.25)	329.00 (236.00- 451.50)	0.001
α -HBDH, U/L	229.00 (181.50- 331.50)	226.00 (179.00- 319.00)	264.00 (207.00- 393.75)	<0.00 1
LDL, mmol/L	2.18 (1.71-2.63)	2.23 (1.76-2.66)	1.81 (1.44-2.36)	<0.00 1
Infection-related indices				
hs-CRP, mg/L	32.25 (6.90- 89.70)	29.70 (6.50-84.20)	55.30 (15.70- 129.10)	<0.00 1
IL-6, pg/mL	8.41 (6.50-11.40)	8.45 (6.52-11.39)	8.19 (6.37-11.41)	0.920
ESR, mm/h	47.00 (31.00- 65.00)	47.00 (31.00- 65.00)	47.55 (34.00- 64.38)	0.999
Serum ferritin, ng/mL	543.81 (301.85- 1053.61)	525.09 (287.63- 1036.04)	598.99 (360.07- 1268.70)	0.025
Coagulation function				
PT, s	11.30 (10.50- 12.20)	11.30 (10.50-12.10)	11.60 (10.80- 12.80)	0.001
APTT, s	26.70 (23.25- 30.25)	26.70 (23.20- 30.20)	27.00 (23.70- 30.30)	0.348

	31.30)	31.20)	32.35)	
D-dimer, µg/mL	0.76 (0.44-1.91)	0.73 (0.42-1.72)	1.17 (0.55-4.22)	<0.001

T2DM, type 2 diabetes mellitus, IQR, interquartile range; N, cases with available data; s, second; ARDS, acute respiratory distress syndrome; AST, aspartate aminotransferase; ALT, Alanine aminotransferase; hs-TnI, high-sensitive troponin I; CK-MB, creatine kinase isoenzyme; LDH, lactate dehydrogenase; α -HBDH, α -hydroxybutyric dehydrogenase; LDL, low density lipoprotein; IL-6, interleukin-6; PT, prothrombin time; APTT, activated partial thromboplastin time; hs-CRP, creative reaction protein.