

Table SI. Comparison of the general data among the three patient groups.

Variable	Healthy (n=23)	Sepsis (n=30)	SIC (n=33)	P-value
Weight, kg	14.87±10.17	11.00 (6.3)	11.50 (14.00)	0.946
Temperature, °C	37.55±1.16	37.00 (1.30)	37.63±1.27	0.415
Respiration, bpm	28.50 (10.25)	37.00 (21.06)	30.00 (20.00)	0.687
Heart rate <sup>a</sup>	124.68±24.45	140.41±26.93	136.35±27.13	<0.05
WBC, 10 <sup>9</sup> /l <sup>b</sup>	7.32 (1.65)	14.70 (13.83)	11.06 (17.21)	<0.01
Hb, g/l <sup>c</sup>	128.96±10.04	106.00 (19.30)	110.00 (26.00)	<0.001
PLT, 10 <sup>9</sup> /l	291.22±90.02	290.21±149.58	242.50 (291.00)	0.558
ALT, U/l <sup>c</sup>	14.00 (4.00)	24.50 (44.30)	37.00 (59.50)	<0.001
AST, U/l <sup>b</sup>	32.00 (9.00)	29.50 (53.00)	52.50 (78.00)	<0.01
TBIL, mM <sup>b</sup>	6.20 (1.10)	4.75 (6.30)	8.75 (9.80)	<0.01
ALB, g/l <sup>c</sup>	45.51±2.82	35.17±6.67	32.00±6.99	<0.001
BUN/UREA, mM <sup>c</sup>	4.56±0.68	3.10 (1.78)	5.38 (4.91)	<0.001
CREA, μM <sup>a</sup>	32.00 (15.00)	28.00 (14.50)	40.00 (50.30)	<0.05
URCA, μM <sup>a</sup>	261.00 (69.00)	218.50 (139.80)	265.00 (273.50)	<0.05
CRP, mg/l	--	64.00 (89.77)	34.00 (67.00)	0.301
PCT, ng/l	--	3.00 (24.08)	5.93 (30.02)	0.172
Mb, ng/ml <sup>d</sup>	--	19.32 (24.85)	31.26 (306.09)	<0.001
cTnI, ng/ml <sup>e</sup>	--	0.01 (0.01)	0.15 (0.40)	<0.05
BNP, pg/ml <sup>e</sup>	--	16.59 (38.59)	192.31 (301.19)	<0.05
CK-Mb, ng/ml	--	1.00 (1.99)	3.51 (7.93)	0.138
LDH, U/l	--	2,832.50 (395.00)	296.00 (252.00)	0.532

<sup>a</sup>P<0.05 (Healthy vs. Sepsis vs. SIC), <sup>b</sup>P<0.01(Healthy vs. Sepsis vs. SIC), <sup>c</sup>P<0.001 (Healthy vs. Sepsis vs. SIC), <sup>d</sup>P<0.001(Sepsis vs. SIC), <sup>e</sup>P<0.05 (Sepsis vs. SIC). WBC, white blood cell; Hb, hemoglobin; PLT, platelet; ALT, alanine transaminase; AST, aspartate aminotransferase; TBIL, total bilirubin; ALB, albumin; BUN/UREA; the ratio of blood urea nitrogen and urea levels; CREA, creatinine; URCA, uric acid; CRP, C-reactive protein; PCT, procalcitonin; Mb, myoglobin; cTnI, cardiac troponin I; BNP, brain natriuretic peptide; CK-Mb, creatine kinase-MB; LDH, lactate dehydrogenase.