

Additional file 3. Biological values within the first week after ICU admission

	Overall (n = 34)	Non-AKI (n = 15)	AKI (n = 19)	p.value
URINE TESTS				
Alpha1-microglobulin (mg.L⁻¹)	139.50 [63.75, 261.75]	72.00 [31.50, 189.50]	237.00 [86.00, 280.00]	0.050
Urine IgG (mg. L⁻¹)	19.65 [10.17, 47.43]	17.40 [7.10, 22.05]	26.70 [13.00, 76.10]	0.064
Urine microalbumin (g. L⁻¹)	0.05 [0.03, 0.16]	0.04 [0.03, 0.08]	0.06 [0.03, 0.28]	0.171
Urine protein (g.L⁻¹)	0.63 [0.32, 1.15]	0.44 [0.32, 0.74]	0.98 [0.40, 1.35]	0.083
Urine retinol binding protein (mg. L⁻¹)	10.96 [0.00, 51.80]	8.57 [0.00, 28.95]	16.50 [3.65, 56.60]	0.332
Urine creatinine (mmol. L⁻¹)	6.40 [5.16, 7.46]	6.77 [5.42, 8.97]	6.11 [5.05, 7.10]	0.305
Urine urea (mmol.L⁻¹)	291.10 [186.90, 394.00]	348.80 [204.70, 424.30]	249.40 [165.30, 336.33]	0.039
BLOOD TESTS				
Serum creatinine (μmol.L⁻¹)	77.00 [53.00, 109.00]	58.00 [49.00, 70.50]	106.00 [64.00, 169.25]	0.002
Serum urea (mmol.L⁻¹)	9.50 [6.90, 14.50]	6.10 [5.05, 8.65]	11.90 [9.43, 19.10]	<0.001
CRP (mg. L⁻¹)	176.20 [78.38, 283.00]	171.40 [78.00, 198.40]	227.60 [80.90, 288.80]	0.420
Ferritine (μg.L⁻¹)	1109.00 [678.00, 1861.50]	1050.50 [671.25, 2008.00]	1467.00 [678.00, 1708.50]	0.845
Fibrinogen (g.L⁻¹)	8.40 [6.43, 9.57]	8.54 [5.90, 9.42]	7.62 [6.96, 9.56]	0.980
Leucocytes (10⁹.L⁻¹)	9.05 [7.64, 1.18]	8.78 [7.73, 9.86]	10.6 [7.89, 13.71]	0.182
Interleukin 1 beta (pg.L⁻¹)	0.00 [0.00, 0.00]	0.00 [0.00, 0.00]	0.00 [0.00, 0.00]	NA
Interleukin 6 (pg.L⁻¹)	98.80	69.80	123.40	0.278

	[61.95, 356.30]	[54.20, 314.70]	[86.15, 328.15]	
Interleukin 10 (pg.L⁻¹)	21.60 [13.75, 34.25]	14.60 [12.55, 29.70]	21.95 [18.85, 37.75]	0.236
Lactates (mmol.L⁻¹)	1.10 [0.90, 1.40]	1.05 [0.90, 1.37]	1.10 [0.95, 1.40]	0.570
Lactate dehydrogenase (U.L⁻¹)	603.50 [473.75, 727.50]	579.50 [422.50, 681.50]	640.00 [497.50, 727.50]	0.487
Total lymphocytes (10⁹.L⁻¹)	1.15 [0.89, 1.66]	1.53 [1.22, 1.81]	0.64 [0.54, 0.74]	0.064
Procalcitonin (µg. L⁻¹)	0.38 [0.19, 0.91]	0.24 [0.10, 0.61]	1.00 [0.28, 2.31]	0.023
Platelets (10⁹.L⁻¹)	327 [256, 376]	345 [266, 383]	317 [260, 355]	0.603
Eosinophilic polynuclear (10⁹.L⁻¹)	0.11 [0.00, 0.2]	0.02 [0.00, 0.1]	0.14 [0.00, 0.25]	0.133
Alpha TNF (pg.L⁻¹)	17.30 [0.00, 29.45]	15.60 [0.00, 25.20]	20.60 [0.00, 31.12]	0.494

Values are expressed as median (interquartile ranges), absolute value (percentages); CRP (C-reactive protein)