

**Table 2. Biomarkers on ICU admission**

Variable	Derivation cohort			Validation cohort		
	ARF at D15		P	ARF at D15		P
	No (n = 63)	Yes (n = 29)		No (n = 45)	Yes (n = 14)	
VWF:Ag, %	458 (129)	466 (125)	0.79	422 (101)	418 (120)	0.91
Angiopoietin 2, pg/ml	2311(1312)	3042 (2306)	0.06	--	--	--
VEGF, pg/ml	161 (127)	133 (92)	0.29	--	--	--
Syndecan, ng/ml	209 (239)	297 (515)	0.27	--	--	--
Endocan, ng/ml	<b>3.39 (3.08)</b>	<b>9.13 (15.34)</b>	<b>&lt; 10<sup>-2</sup></b>	4.04 (3.73)	7.93 (17.3)	0.16
suPAR, ng/ml	<b>6.22 (2.21)</b>	<b>7.52 (4.01)</b>	<b>0.048</b>	--	--	--
PAI-1, ng/ml	84.9 (63.7)	81.5 (36.5)	0.79	--	--	--
TFPI, ng/ml	112 (43)	123 (65)	0.33	--	--	--
CRP, mg/l	144 (89)	166 (99)	0.29	155 (92)	128 (74)	0.33
PCT, ng/ml	<b>0.57 (0.74)</b>	<b>6.45 (21.88)</b>	<b>0.03</b>	3.34 (11.21)	1.28 (2.59)	0.52
LDH, UI/l	510 (190)	570 (188)	0.16	507 (153)	640 (459)	0.16
ALAT, UI/l	49.4 (34.1)	45.6 (25.8)	0.6	78.5 (107.2)	83 (111.9)	0.89
ASAT, UI/l	60.8 (31.7)	71.1 (38.3)	0.18	92.8 (110)	147 (220)	0.22
Total bilirubin, mg/l	4.86 (2.17)	5.45 (2.34)	0.24	5.44 (3.09)	6.29 (5.06)	0.45
Creatinine, mg/l	11.6 (17.3)	14.8 (18.1)	0.42	15.2 (20.7)	11.5 (5.2)	0.51
Ferritin, µg/l	1952 (1590)	2153 (1821)	0.59	2246 (2496)	1848 (1159)	0.63
TQ ratio	1.27 (0.69)	1.16 (0.42)	0.45	1.24 (0.40)	1.15 (0.17)	0.42
Fibrinogen, g/l	7.24 (1.58)	6.8 (1.21)	0.19	<b>7.06 (1.65)</b>	<b>6.05 (1.62)</b>	<b>0.049</b>
DDimers, µg/l	<b>2.13 (3.39)</b>	<b>6.85 (15.53)</b>	<b>0.02</b>	8.09 (24.51)	2.78 (4.41)	0.42
Hemoglobin, g/dl	12.9 (1.6)	12.9 (2.5)	0.86	12.9 (2)	13.1 (2)	0.76
Leucocytes, (G/l)	9.84 (4.3)	9.65 (5.13)	0.86	<b>7.84 (3.89)</b>	<b>5.57 (2.28)</b>	<b>0.04</b>
Neutrophiles, (G/l)	8.52 (3.84)	8.80 (4.52)	0.76	--	--	--
Lymphocytes, (G/l)	0.82 (0.54)	0.99 (1.54)	0.44	--	--	--
Platelets (G/l)	<b>274 (109)</b>	<b>200 (65)</b>	<b>&lt; 10<sup>-2</sup></b>	237 (92)	187 (68)	0.07

Data are presented as mean (SD). p values < 0.05 are indicated in bold characters. *ARF* Acute respiratory failure requiring intubation, *D15* Day 15 following ICU admission, *ICU* Intensive care unit, *PAI-1* Plasminogen activator inhibitor-1, *suPAR* Soluble urokinase plasminogen activator receptor, *TFPI* Tissue factor pathway inhibitor, *VEGF* Vascular endothelial growth factor, *VWF:Ag* Von Willebrand factor antigen.