

Table 3. Comparisons of the serum thiols, disulphide, TAS, TOS and IMA levels of adults with COVID-19 according to the disease severity

Parameters (median, min-max)	Mild cases (n=6)	Moderate cases (n=16)	Severe/critical cases (n=18)	Control cases (n=34)	P value
Native thiol $\mu\text{mol/L}$	386 (376-453)	333 (305-355)	301 (248-349)	390 (325-418)	0.003^a 0.01^b >0.05 ^c
Total thiol $\mu\text{mol/L}$	429 (416-495)	371 (342-396)	331 (277-389)	430 (361-458)	0.004^a 0.01^b >0.05 ^c
Disulphide $\mu\text{mol/L}$	20.7 (19.3-22.1)	18.7 (17.5-20.8)	15.5 (14.7-20)	20 (17.1-22)	>0.05 ^{a, b, c}
TAS mmol Trolox equiv./L	0.9 (0.8-1.1)	0.9 (0.8-0.9)	1 (0.9-1.2)	1 (0.9-1.1)	>0.05 ^{a, b, c}
TOS $\mu\text{mol H}_2\text{O}_2/\text{L}$	14.3 (9.9-1.1)	9.1 (5.8-14)	6.6 (4.8-9.9)	4.9 (3.7-11.5)	>0.05 ^{a, b, c}
Ima ABSU	0.7 (0.5-0.7)	1 (0.8-1.1)	0.9 (0.8-1.1)	0.8 (0.7-0.9)	0.1 ^a 0.04^b >0.05 ^c

^a Mild vs Severe/Critical. ^b Moderate vs Severe/Critical ^c Control vs Severe/Critical

