**Supplemental Table 1: Comparison of COVID19+ patients on ICU day 1 to healthy age- and sex-matched control patients**

|  |  |  |  |
| --- | --- | --- | --- |
| **Analyte** | **COVID19+ Patients (n=10)** | **Healthy Controls (n=10)** | **P-value** |
| G-CSF | 42.41 (10.01, 128.86) | 0 (0, 4.68) | 0.014 |
| PDGF-AB/BB | 2570 (212, 3603) | 0 (0, 622) | 0.014 |
| RANTES | 8001 (2127, 12171) | 1392 (811, 4642) | 0.016 |
| Eotaxin | 33.07 (21.66, 56.67) | 66.97 (51.05, 91.15) | 0.019 |
| MMP10 | 955 (420, 1211) | 317 (227, 605) | 0.019 |
| PDGF-AA | 148.7 (86.8, 243.9) | 40.3 (23.2, 129.0) | 0.019 |
| IP10 | 3526 (1407, 19503) | 102 (61, 161) | 0.023 |
| VEGFA | 18.24 (10.13, 35.27) | 5.34 (1.86, 19.98) | 0.034 |
| IFNα2 | 21.21 (5.90, 44.64) | 4.23 (0, 13.02) | 0.040 |
| IL3 | 0.47 (0, 2.24) | 0 (0, 0) | 0.045 |
| TIMP2\* | 48792 (40235, 58959) | 77657 (62699, 84235) | 0.048 |
| MMP1 | 1065 (414, 2330) | 617 (281, 882) | 0.070 |
| IL2 | 0.33 (0, 1.87) | 0 (0, 0.09) | 0.075 |
| IL5 | 5.41 (3.16, 11.65) | 3.25 (1.69, 4.69) | 0.082 |
| MIP-1α | 16.00 (0, 39.02) | 0 (0, 7.24) | 0.082 |
| TIMP3\* | 2058 (1380, 6263) | 1291 (1034, 1809) | 0.110 |
| Lactoferrin | 272.0 (105.9, 1237.7) | 430.8 (398.5, 564.1) | 0.112 |
| MMP7 | 8329 (6727, 14994) | 5989 (4602, 10016) | 0.112 |
| IL17A | 2.39 (0, 8.47) | 1.30 (0, 1.97) | 0.130 |
| IL7 | 0 (0, 0.62) | 0 (0, 0) | 0.197 |
| TNFβ | 0 (0, 6.05) | 0 (0, 0) | 0.197 |
| MMP13 | 478.7 (35.3, 1574.4) | 192.1 (11.3, 594.2) | 0.272 |
| IL1β | 9.12 (0, 16.07) | 5.78 (2.32, 7.50) | 0.343 |
| IL12(p40) | 66.84 (33.26, 120.99) | 50.75 (39.05, 99.57) | 0.520 |
| IL13 | 0 (0, 3.12) | 0 (0, 1.53) | 0.535 |
| IL22 | 0 (0, 9.10) | 0 (0, 0) | 0.543 |
| IL4 | 0 (0, 0.61) | 0.08 (0, 1.19) | 0.562 |
| TIMP1\* | 155443 (144102, 214105) | 195324 (138347, 263963) | 0.565 |
| IL17E/IL25 | 197.54 (54.68, 599.32) | 281.69 (124.43, 432.70) | 0.596 |
| GM-CSF | 0 (0, 0.88) | 0 (0, 0) | 0.627 |
| MMP12 | 399.1 (261.6, 1137.1) | 354.8 (321.4, 461.6) | 0.650 |
| IL12(p70) | 0.69 (0, 3.70) | 1.37 (0, 2.70) | 0.751 |
| EGF | 0 (0, 7.06) | 1.60 (0, 7.37) | 0.772 |
| IL1α | 0.23 (0, 4.11) | 1.11 (0, 3.22) | 0.874 |
| IL17F | 21.26 (2.36, 30.04) | 7.29 (2.61, 60.42) | 0.940 |
| MMP3 | 24891 (13382, 44388) | 22381 (15841, 30661) | 0.940 |
| MMP9 | 16223 (7206, 42662) | 12693 (11984, 13979) | 0.940 |

Data are presented as medians (IQRs) with analyte concentration in pg/ml. \*TIMP data were only collected for n=7/group.