**Supplemental Table 1.** Cytokine/chemokine analyte concentrations over study time periods

| N  Median  25th – 75th percentile  Min - max | First Sample | Second Sample | Third sample |
| --- | --- | --- | --- |
| IL-8 | 82  101.7  70.5 – 204.0  0 – 1893.0 | 82  105.2  66.8 – 187.0  14.2 – 8812.0 | 82  89.1  59.2 – 226.0  12.6 – 2757.3 |
| No2/No3 | 81  21.4  14.8 – 32.4  1.5 – 253.2 | 82  21.5  15.2 – 36.3  2.3 – 107.5 | 81  21.4  15.1 - 32.8  5.4 – 298.9 |
| MCP-1 | 82  875.5  525.0 – 1739.1  112.3 – 8589.4 | 82  653.0  356.0 – 1209.0  114.3 – 8742.0 | 82  566.7  392.0 – 885.6  115.0 – 7800.5 |
| MIP-1b | 82  86.3  47.4 – 131.1  0.0 – 382.7 | 82  76.4  46.5- 117.2  0.0 – 523.0 | 82  67.6  41.8 – 92.0  0.0 – 623.9 |
| IL-6 | 82  15.8  5.0-62.4  0.0 – 2676.1 | 82  14.1  2.9 – 42.7  0.0 – 11301.0 | 82  9.3  0.9 – 39.4  0.0 – 2499.0 |
| MCP-3 | 50  2.6  0.0 – 29.0  0.0 – 241.5 | 50  5.3  0.0 – 36.9  0.0 – 235.7 | 49  5.5  0.0 – 46.5  0.0 – 293.5 |
| TNF-a | 82  18.9  12.3 – 34.2  0.0 – 280.0 | 82  16.3  9.0 – 24.2  0.0 – 364.0 | 82  12.5  7.8 – 17.7  0.0 – 68.6 |
| IL-15 | 82  6.2  0.2 -16.4  0.0 -101.2 | 82  6.6  0.0 – 15.6  0.0 – 109.3 | 82  4.8  0.0 – 15.2  0.0 – 75.4 |
| IL-12p40 | 82  5.1  0.0 – 52.8  0.0 – 535.1 | 82  15.9  0.0 - 53.8  0.0 – 912.7 | 82  12.8  0.0 – 51.3  0.0 – 612.6 |
| Eotaxin | 82  112.2  70.9 - 164.0  0.0 – 812.0 | 82  104.9  79.7 – 151.7  0.0 – 511.0 | 82  96.6  73.5 – 144.0  0.0 – 454.0 |
| MIP-1a | 81  16.4  4.4 – 29.4  0.0 – 658.6 | 82  10.9  0.0 – 25.0  0.0 - 221.0 | 82  6.7  0.0 – 15.9  0.0 – 160.5 |
| IFN-a2 | 82  9.1  0.0 – 29.7  0.0 – 663.9 | 82  4.4  0.0 – 24.6  0.0 – 613.4 | 82  3.7  0.0 – 22.0  0.0 – 460.1 |
| IL-10 | 82  58.3  18.4 – 212.0  0.8 – 8766.8 | 82  42.6  14.6 – 77.7  0.0 – 1046.0 | 82  34.4  11.6 – 60.5  0.0 – 4058.9 |
| IL-2 | 82  0.1  0.0 – 5.0  0.0 – 55.2 | 82  0.4  0.0 – 5.1  0.0 – 87.5 | 82  0.0  0.0 – 4.8  0.0 – 56.8 |
| IL-1ra | 82  48.0  11.6-156.0  0.0 – 3321.0 | 82  34.5  3.2 – 101.5  0.0 – 3612.0 | 82  27.1  4.3 – 101.5  0.0 – 1938.0 |
| IP-10 | 79  1505.6  453 – 5470.0  56.4 – 19068.8 | 79  932.0  410.3 – 2543.0  93.7- 19614.7 | 82  816.4  367.0 – 2694.8  47.0 – 17430.0 |
| IL-5 | 82  0.8  0.2 – 2.9  0.0 – 64.6 | 82  0.9  0.2 – 2.6  0.0 – 47.3 | 82  0.8  0.1 – 2.5  0.0 – 25.9 |
| IL-12p70 | 82  1.1  0.0 – 3.1  0.0 – 123.1 | 82  1.1  0.0 – 3.8  0.0 – 306.6 | 82  1.0  0.0 – 3.1  0.0 – 566.8 |
| IFNg | 82  2.8  0.0 – 10.8  0.0 – 348.0 | 82  3.3  0.1 – 8.3  0.0 – 192.7 | 82  3.0  0.4 – 5.6  0.0 – 126.0 |
| IL-1b | 82  0.3  0.0 – 2.5  0.0- 88.9 | 82  0.2  0.0 – 2.5  0.0 – 96.6 | 82  0.3  0.0 – 3.2  0.0 – 61.0 |
| IL-13 | 82  0.0  0.0 – 15.2  0.0 - 161.7 | 82  0.2  0.0 – 14.2  0.0 – 136.2 | 82  1.1  0.0 – 11.2  0.0 – 149.1 |
| GM-CSF | 82  3.2  1.1 – 6.8  0.0 – 118.2 | 82  1.9  0.0 – 6.5  0.0 – 165.7 | 82  1.9  0.0 – 5.1  0.0 – 122.6 |
| MIG | 80  2999.5  732.2 – 8217.5  47.2- 443120.0 | 82  2134.8  642.8 –4621.0  43.8 – 78983.0 | 82  1649.0  664.0 – 3652.0  107.1 – 338140.0 |
| SIL-2ra | 82  1512.0  561.8 – 3503.0  14.1- 13123.0 | 82  1397.0  468.7 – 2752.0  0.0 – 12274.0 | 82  1165.7  319.1 – 2359.0  0.0 – 8580.0 |
| IL-17 | 82  1.9  0.0 – 6.0  0.0 – 68.2 | 82  1.8  0.0 – 4.6  0.0 - 86.4 | 82  1.7  0.0 – 4.9  0.0 – 81.9 |
| IL-7 | 82  2.4  0.0 – 8.4  0.0 – 64.0 | 82  2.1  0.0 – 7.4  0.0 – 116.1 | 82  0.6  0.0 – 7.0  0.0 – 87.4 |
| IL-4 | 82  0.0  0.0 - 15.0  0.0 – 315.8 | 81  0.0  0.0 – 8.9  0.0 – 347.6 | 82  0.0  0.0 – 5.4  0.0 – 427.7 |
| HMGB1 | 53  3330.0  1084.0 –7176.0  0.0 – 117881.0 | 51  1860.0  755.0 – 4361.0  0.0 – 23678.0 | 38  3115.0  1099.0 – 8090.0  0.0 – 51576.0 |

GM-CSF: granulocyte-macrophage colony stimulating factor, HMGB: high mobility group box, IL: interleukin, INF: interferon, IP: inducible protein, Max: maximum, MCP: monocyte chemoattractant protein, MIG: monokine induced by bamma interferon, Min: minimum, MIP: macrophage inflammatory protein, No: nitrous oxide, SIL: soluble interleukin, TNF: tumor necrosis factor