**Supplemental Table 1.** Inflammatory markers by sex at baseline, week 24, and week 48 in virologically suppressed

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Summary of inflammatory markers** | | | | | | | | | | | |
| **Median (IQR)** | | | **Week 0** | | | **Wk24** | | | **Week 48** | | |
|  |  |  | **Male**  **(n=110)** | **Female**  **(n=105)** | **P value** | **Male**  **(n=109)** | **Female**  **(n=105)** | **P value** | **Male**  **(n=110)** | **Female**  **(n=105)** | **P value** |
| **Median CD4 cell count (IQR) (1/mm3)** | | | | | | | | | | | |
|  |  |  | 168 (86-229) | 193 (109-230) | 0.37 | 292 (193-338) | 309 (238-395) | 0.21 | 323 (228-424) | 373 (267-500) | 0.02 |
| **Detectable Viral load (c/mL)** | | | | | | | | | | | |
|  |  |  | 110 (100%) | 105 (100%) | >0.95 | 0 (0%) | 0 (0%) | >0.95 | 0 (0%) | 0 (0%) | >0.95 |
| **Interferon gamma (pg/mL)** | | | | | | | | | | | |
|  |  |  | 17.2 (8.4-55.5) | 18.9 (7.8-47.9) | 0.82 | 22.1 (8.7-43.2) | 23.5 (3.2-56.6) | 0.66 | 14.9 (4.0-37.8) | 22.4 (8.5-67.5) | 0.05 |
| **TNF alpha (pg/mL)** | | | | | | | | | | | |
|  |  |  | 20.6 (13.4-26.6) | 17.3 (12.1-26.3) | 0.28 | 10.6 (8.0-16.7) | 12.5 (9.6-19.7) | 0.07 | 9.5 (6.9-13.3) | 11.5 (8.0-16.2) | 0.02 |
| **IL-6 (pg/mL)** | | | | | | | | | | | |
|  |  |  | 26.3 (11.4-52.7) | 24 (9.8-45.39) | 0.50 | 23.4 (10.6-43.2) | 24.4 (10.2-61.2) | 0.76 | 17.5 (7.7-35.8) | 25.3 (6.8-55.9) | 0.15 |
| **IL-18 (pg/mL)** | | | | | | | | | | | |
|  |  |  | 362 (163-843) | 307 (128-730) | 0.41 | 195 (110-382) | 151 (53-347) | 0.15 | 118 (83-323) | 137 (37-385) | 0.30 |
| **IP-10 (pg/mL)** | | | | | | | | | | | |
|  |  |  | 1289 (586-2600) | 1140 (527-2562) | 0.49 | 401 (244-755) | 447 (200-839) | 0.94 | 326 (198-671) | 413 (179-773) | 0.50 |
| **CRP (mg/L)** | | | | | | | | | | | |
|  |  |  | 4.62 (1.77-12.23) | 2.32 (1.0-10.32) | 0.01 | 2.70 (1.15-7.4) | 4.43 (1.67-9.21) | 0.14 | 3.04 (1.17-8.38) | 3.48 (1.29-9.17) | >0.95 |
| **DetectableLPS (%)** | | | | | | | | | | | |
|  |  |  | 54 (55%) | 34 (39%) | 0.04 | 57 (57%) | 40 (44%) | 0.08 | 60 (62%) | 47 (51%) | 0.15 |
| **sCD14 (106)(pg/mL)** | | | | | | | | | | | |
|  |  |  | 2.3 (0.69-2.9) | 1.9 (0.50-2.6) | 0.06 | 1.9 (0.8-2.6) | 1.5 (0.5-2.4) | 0.06 | 1.9 (1.0-2.5) | 1.9 (0.8-2.5) | 0.91 |