**Supplementary Table 2.** Biomarkers detected in the electrochemiluminescence binding assays, according to the MSD® (Meso Scale Discovery, MD, USA).

| Chemokine Panel | | Cytokine Panel | | Proinflammatory Panel | | Th17 Panel | |
|---|---|---|---|---|---|---|---|
| Biomarkers | Detection range (pg/mL) | Biomarkers | Detection range (pg/mL) | Biomarkers | Detection range (pg/mL) | Biomarkers | Detection range (pg/mL) |
| Eotaxin | 12.3 - 1120 | GM-CSF | 0.842 - 750 | IFN-γ | 1.76 - 938 | IL-17A Gen. B | 5.86 - 1950 |
| MIP-1β | 1.88 - 520 | IL-1α | 2.85 - 278 | IL-1β | 0.646 - 375 | IL-21 | 6.12 - 650 |
| Eotaxin-3 | 10.2 - 3700 | IL-5 | 4.41 - 562 | IL-2 | 0.890 - 938 | IL-22 | 2.78 - 325 |
| TARC | 3.32 - 1120 | IL-7 | 0.851 - 563 | IL-4 | 0.218 - 158 | IL-23 | 4.6 - 3250 |
| IP-10 | 1.37 - 500 | IL-12/IL-23p40 | 1.32 - 2250 | IL-6 | 0.633 - 488 | IL-27 | 38.7 - 13000 |
| MIP-1α | 13.8 - 743 | IL-15 | 0.774 - 525 | IL-8[a] | 0.591 - 375 | IL-31 | 4.22 - 650 |

Supplementary Material

| IL-8 (HA) | 713 - 43400 | IL-16 | 19.1 - 1870 | IL-10 | 0.298 - 233 | MIP-3α | 0.750 - 325 |
|---|---|---|---|---|---|---|---|
| MCP-1 | 1.09 - 375 | IL-17A* | 3.19 - 3650 | IL-12p70 | 1.22 - 315 | - | - |
| MDC | 88.3 - 3700 | TNF-β | 0.465 - 458 | IL-13 | 4.21 - 353 | - | - |
| MCP-4 | 10 - 469 | VEGF-A | 7.70 - 562 | TNF-α | 0.690 - 248 | - | - |

[a]IL-8 from the Proinflammatory Panel and IL-17A from Cytokine Panel were excluded from the analysis due to being repeated in the Chemokine Panel and Th17 Panel, respectively. According to the manufacturer, IL-8 (HA) from the Chemokine Panel is validated and its use is recommended when high levels are anticipated and IL-17A Gen B is optimized for a more sensitive detection in multiple sample types, such as serum, plasma, urine, cell culture supernatants, and PBMCs.