**S2 Table Relative gene expression and protein concentrations of inflammatory markers**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Relative gene expression values** |  |  |  |   |   |   |   |
| **LPS 10 ug/ml** |  |  |   |   |   |   |   |
| **IL6** | **IL8** | **TNFa** | **COX-2** | **CGA25 + LPS** |  |   |   |
| 2.986 | 3.295 | 3.263 | 4.492 | **IL6** | **IL8** | **TNFa** | **COX-2** |
| 1.925 | 2.424 | 5.539 | 3.044 | 1.025 | 3.039 | 2.016 | 0.843 |
| 1.867 | 3.377 | 4.797 | 6.34 | 0.665 | 0.964 | 0.757 | 0.615 |
|   | 4.37 |   | 6.993 | 0.577 | 1.655 | 2.342 | 1.102 |
| **CGA 50+LPS** |  |   |   | **Lp 2142 + LPS** |   |   |   |
| **IL6** | **IL8** | **TNFa** | **COX-2** | **IL6** | **IL8** | **TNFa** | **COX-2** |
| 0.918 | 1.744 | 3.648 | 1.413 | 0.668 | 1.071 | 1.432 | 0.527 |
| 0.623 | 1.467 | 1.302 | 0.578 | 0.895 | 1.012 | 2.536 | 1.429 |
| 0.859 | 1.644 | 1.712 | 0.947 | 0.713 | 1.041 | 1.962 | 1.662 |
|   |   |   |   |  |  | 1.906 |  |
| **CGA 25+Lp2142+LPS** |  |   |   |   |   |   |   |
| **IL6** | **IL8** | **TNFa** | **COX-2** |   |  |  |  |
| 0.781 | 0.423 | 1.014 | 0.381 |   |  |  |  |
| 0.406 | 0.524 | 2.162 | 0.715 |   |  |  |   |
| 0.551 | 0.953 | 2.012 | 0.892 |   |   |   |   |
| **Protein concentrations (pg/ml)** |   |   |   |   |
| **Control** | **LPS** | **LPS+** | **LPS+** | **LPS+** | **LPS+CGA 25 μM+** |
|  |  | **CGA 25 μM** | **CGA 50 μM** | **Lp2142** | **Lp2142** |  |
| **IL-6, 6 h** |   |   |   |   |   |   |
| 781.5 | 1461.5 | 1131.5 | 686.5 | 436.5 | 329.8 |   |
| 673.2 | 1406.5 | 799.8 | 638.2 | 369.8 | 223.2 |   |
| 814.8 | 1139.8 | 709.8 | 663.2 | 484.8 | 164.8 |   |
| **IL-8, 24 h** |  |  |  |  |  |   |
|  80.8 |  96.2 |  74.6 |  77.7 |  85.4 |  86.9 |   |
|  79.2 |  93.1 |  75.4 |  84.6 |  65.4 |  85.4 |   |
|  75.4 |  94.6 |  76.2 |  77.4 |  76.2 |  82.3 |   |