



QUALITY CONTROL RANGES
MILLIPLEX® MAP Human Th17 Magnetic Bead Panel
Catalog # HTH17MAG-14K, HT17MG-14K-PX25, HT17MAG14PMX25BK
Control Catalog # HTH17-6014 Lot # TH17-112.212

| <u>Analyte</u> | <u>QC Level</u> | <u>Expected Range</u> | <u>Units</u> | <u>Cytokine</u> | <u>QC Level</u> | <u>Expected Range</u> | <u>Units</u> |
|---------------------|-----------------|-----------------------|--------------|-----------------|-----------------|-----------------------|--------------|
| IL-17F | Control 1 | 0.23 - 0.47 | ng/mL | IL-2 | Control 1 | 116 - 242 | pg/mL |
| | Control 2 | 2.2 - 4.6 | ng/mL | | Control 2 | 1147 - 2382 | pg/mL |
| GMCSF | Control 1 | 0.58 - 1.2 | ng/mL | IL-21 | Control 1 | 43 - 90 | pg/mL |
| | Control 2 | 6.1 - 13 | ng/mL | | Control 2 | 444- 923 | pg/mL |
| IFNG | Control 1 | 109 - 263 | pg/mL | IL-4 | Control 1 | 0.21 - 0.43 | ng/mL |
| | Control 2 | 989-2054 | pg/mL | | Control 2 | 2.3 - 4.7 | ng/mL |
| IL-10 | Control 1 | 14 – 28 | pg/mL | IL-23 | Control 1 | 3.9 – 8.2 | ng/mL |
| | Control 2 | 135 - 281 | pg/mL | | Control 2 | 35 - 73 | ng/mL |
| CCL20/MIP3 α | Control 1 | 59 – 123 | pg/mL | IL-5 | Control 1 | 72 - 150 | pg/mL |
| | Control 2 | 571 - 1186 | pg/mL | | Control 2 | 674 - 1401 | pg/mL |
| IL-12P70 | Control 1 | 52 - 109 | pg/mL | IL-6 | Control 1 | 18 - 37 | pg/mL |
| | Control 2 | 561 - 1165 | pg/mL | | Control 2 | 214 -444 | pg/mL |
| IL-13 | Control 1 | 80 - 166 | pg/mL | IL-17E/IL-25 | Control 1 | 1.2 - 2.5 | ng/mL |
| | Control 2 | 839 - 1743 | pg/mL | | Control 2 | 8.1 - 17 | ng/mL |
| IL-15 | Control 1 | 44 - 92 | pg/mL | IL-27 | Control 1 | 0.61 - 1.3 | ng/mL |
| | Control 2 | 457 - 950 | pg/mL | | Control 2 | 6.4 - 13 | ng/mL |
| IL-17A | Control 1 | 128 - 266 | pg/mL | IL-31 | Control 1 | 0.48 – 1.0 | ng/mL |
| | Control 2 | 1245 - 2586 | pg/mL | | Control 2 | 4.4 – 9.1 | ng/mL |
| IL-22 | Control 1 | 0.31 - 0.70 | ng/mL | TNF α | Control 1 | 19 - 39 | pg/mL |
| | Control 2 | 3.7 – 7.7 | ng/mL | | Control 2 | 203 - 421 | pg/mL |
| IL-9 | Control 1 | 93 - 194 | pg/mL | TNF β | Control 1 | 0.39 - 0.81 | ng/mL |
| | Control 2 | 925 - 1921 | pg/mL | | Control 2 | 3.7 - 7.7 | ng/mL |
| IL-1 β | Control 1 | 45 - 94 | pg/mL | IL-28A | Control 1 | 0.48 - 1.0 | ng/mL |
| | Control 2 | 433 - 898 | pg/mL | | Control 2 | 4.9 – 10 | ng/mL |
| IL-33 | Control 1 | 68- 141 | pg/mL | | | | |
| | Control 2 | 685 - 1423 | pg/mL | | | | |