

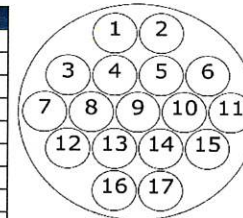
CERTIFICATE OF ANALYSIS

Q-Plex™ Human Cytokine Stripwells (16-Plex)
Software Product Code: HA1M200518-CYQ

REF Part Number: 110333HU
LOT Lot Number: HCSTK200518 19128 001
Expiration Date: 2024-MAR-30

| Component | Part Number | Lot Number | Recon. Volume | Exp. Date |
|---------------------|-------------|--------------|---------------|-------------|
| Plate | 110353HU | HCSTP220330 | N/A | 2024-MAR-30 |
| Sample Diluent | 101104HU | HQ6S220909 | N/A | 2024-SEP-09 |
| Calibrator Diluent | N/A | N/A | N/A | N/A |
| Assay Diluent | N/A | N/A | N/A | N/A |
| Competitor | N/A | N/A | N/A | N/A |
| Calibrator | 102655HU | HA1M200518 | 650 µL | 2025-MAR-22 |
| Calibrator Additive | N/A | N/A | N/A | N/A |
| Controls | N/A | N/A | N/A | N/A |
| Detection | 110956HU 01 | HCSDQ6220407 | N/A | 2024-APR-07 |
| Streptavidin HRP | 101173GR | QNSN221228 | N/A | 2024-JUN-28 |
| Substrate A | 101159GR | QNSA221221 | N/A | 2024-DEC-21 |
| Substrate B+ | 101120GR | QNSB+221221 | N/A | 2024-DEC-21 |
| Wash Buffer | 101158GR | QNSW220422 | N/A | 2024-APR-22 |

| Spot # | Analyte | Units | Cal Conc | ULOQ | LLOQ | LLD |
|--------|----------|-------|----------|-------|-------|-------|
| 1 | IL-1α | pg/mL | 3900 | 3900 | 5.35 | 2.67 |
| 2 | IL-1β | pg/mL | 11800 | 11800 | 16.19 | 8.09 |
| 3 | IL-2 | pg/mL | 4600 | 4600 | 6.31 | 3.16 |
| 4 | IL-4 | pg/mL | 1600 | 1600 | 2.19 | 1.10 |
| 5 | IL-5 | pg/mL | 3100 | 3100 | 4.25 | 2.13 |
| 6 | IL-6 | pg/mL | 3100 | 3100 | 4.25 | 2.13 |
| 7 | IL-8 | pg/mL | 1800 | 1800 | 2.47 | 1.23 |
| 8 | IL-10 | pg/mL | 6800 | 6800 | 9.33 | 4.66 |
| 9 | IL-12p70 | pg/mL | 2800 | 2800 | 3.84 | 1.92 |
| 10 | IL-13 | pg/mL | 2800 | 2800 | 3.84 | 1.92 |
| 11 | IL-15 | pg/mL | 8700 | 8700 | 11.93 | 5.97 |
| 12 | IL-17 | pg/mL | 19100 | 19100 | 26.20 | 13.10 |
| 13 | IL-23 | pg/mL | 42000 | 42000 | 57.61 | 28.81 |
| 14 | IFNγ | pg/mL | 8000 | 8000 | 10.97 | 5.49 |
| 15 | TNFα | pg/mL | 5400 | 5400 | 7.41 | 3.70 |
| 16 | TNFβ | pg/mL | 3700 | 3700 | 5.08 | 2.54 |
| 17 | REF | N/A | N/A | N/A | N/A | N/A |



Q-Plex™ ARRAYS

QC Release: *Sophia Alvarez*

Date: 22 MAR 23

QA Release: *[Signature]*

Date: 22 MAR 23

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