

**CERTIFICATE OF ANALYSIS**

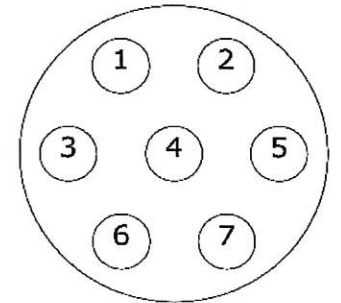
Q-Plex™ Mouse Cytokine Panel 1 HS (6-Plex)  
Software Product Code: MHSM220208-P16PR



**REF** Part Number: 111349MS  
**LOT** Lot Number: MCP1K220208 18274 001  
Expiration Date: 2023-MAY-31

| Component           | Part Number | Lot Number  | Recon. Volume | Exp. Date   |
|---------------------|-------------|-------------|---------------|-------------|
| Plate               | 111352MS    | MCP1P220825 | N/A           | 2023-AUG-25 |
| Sample Diluent      | 112457MS    | MHSS220106  | N/A           | 2023-MAY-31 |
| 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          | 112455MS    | MHSM220208  | 650 µL        | 2023-SEP-07 |
| Calibrator Additive | N/A         | N/A         | N/A           | N/A         |
| Controls            | N/A         | N/A         | N/A           | N/A         |
| Detection           | 112456MS    | MHSD220825  | 6 mL          | 2023-AUG-25 |
| Streptavidin HRP    | 101173GR    | QNSN220715  | N/A           | 2024-JAN-15 |
| Substrate A         | 101159GR    | QNSA220713  | N/A           | 2024-JUL-13 |
| Substrate B+        | 101120GR    | QNSB+220713 | N/A           | 2024-JUL-13 |
| Wash Buffer         | 101158GR    | QNSW220615  | N/A           | 2024-JUN-15 |

| Spot # | Analyte       | Cal Conc | Units | ULOQ | LLOQ | LLD  |
|--------|---------------|----------|-------|------|------|------|
| 1      | IFN $\gamma$  | 660      | pg/mL | 400  | 0.55 | 0.27 |
| 2      | IL-1 $\alpha$ | 680      | pg/mL | 530  | 0.73 | 0.36 |
| 3      | IL-1 $\beta$  | 1890     | pg/mL | 1980 | 2.72 | 1.36 |
| 4      | IL-6          | 1180     | pg/mL | 1180 | 1.62 | 0.81 |
| 5      | IL-10         | 500      | pg/mL | 500  | 0.69 | 0.34 |
| 6      | TNF $\alpha$  | 400      | pg/mL | 400  | 0.75 | 0.38 |
| 7      | REF           | N/A      | N/A   | N/A  | N/A  | N/A  |



**Q-Plex**™ ARRAYS

QC Release:

*[Signature]*

Date:

25 AUG 23

QA Release:

*[Signature]*

Date:

25 AUG 23

for Research Use Only