

**CERTIFICATE OF ANALYSIS**

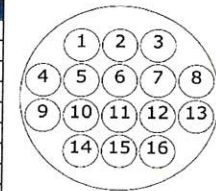
 Q-Plex™ Human Pneumococcal IgG (14-Plex)  
 Software Product Code: HPNM007SPWHO14

LOT

 REF Part Number: 481749HU  
 Lot Number: HPNK220926 18600 002  
 Expiration Date: 2023-SEP-26

| Component           | Part Number | Lot Number  | Recon. Volume | Exp. Date   |
|---------------------|-------------|-------------|---------------|-------------|
| Plate               | 481752HU    | HPNP221025  | N/A           | 2023-OCT-25 |
| Sample Diluent      | 481157HU    | HPNS220926  | N/A           | 2023-SEP-26 |
| 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          | 481155HU    | HPNM220926  | 500 µL        | 2023-NOV-03 |
| Calibrator Additive | N/A         | N/A         | N/A           | N/A         |
| Controls            | N/A         | N/A         | N/A           | N/A         |
| Detection           | 481156HU    | HPND221027  | N/A           | 2023-OCT-27 |
| Streptavidin HRP    | N/A         | N/A         | N/A           | N/A         |
| Substrate A         | 101159GR    | QNSA220825  | N/A           | 2024-AUG-25 |
| Substrate B+        | 101120GR    | QNSB+220825 | N/A           | 2024-AUG-25 |
| Wash Buffer         | 101158GR    | QNSW220909  | N/A           | 2024-SEP-09 |

| Spot # | Analyte    | Units | Cal Conc | ULOQ   | LLOQ     | LLD       |
|--------|------------|-------|----------|--------|----------|-----------|
| 1      | 1          | µg/mL | 0.850    | 0.1476 | 0.000267 | 0.000133  |
| 2      | 3          | µg/mL | 0.145    | 0.1023 | 0.000185 | 0.0000927 |
| 3      | 4          | µg/mL | 0.333    | 0.0585 | 0.000104 | 0.0000518 |
| 4      | 5          | µg/mL | 0.751    | 0.1316 | 0.00024  | 0.00012   |
| 5      | 6B         | µg/mL | 0.905    | 0.1565 | 0.000291 | 0.000145  |
| 6      | 7F         | µg/mL | 0.830    | 0.1464 | 0.001068 | 0.000534  |
| 7      | 8          | µg/mL | 1.424    | 0.2485 | 0.001798 | 0.000899  |
| 8      | 9N         | µg/mL | 0.703    | 0.1249 | 0.000894 | 0.000447  |
| 9      | 9V         | µg/mL | 0.644    | 0.1119 | 0.000788 | 0.000394  |
| 10     | 12F        | µg/mL | 0.221    | 0.038  | 0.000282 | 0.000141  |
| 11     | 14         | µg/mL | 3.799    | 0.1648 | 0.001206 | 0.000603  |
| 12     | 18C        | µg/mL | 0.730    | 0.1294 | 0.00093  | 0.000465  |
| 13     | 19F        | µg/mL | 1.461    | 0.2557 | 0.001871 | 0.000935  |
| 14     | 23F        | µg/mL | 0.595    | 0.102  | 0.000758 | 0.000379  |
| 15     | CWPS       | N/A   | N/A      | N/A    | N/A      | N/A       |
| 16     | DK anti-Hu | N/A   | N/A      | N/A    | N/A      | N/A       |



Q-Plex™ ARRAYS

QC Release:



Date:

07 NOV 22

QA Release:



Date:

07 NOV 22

for Research Use Only