

**CERTIFICATE OF ANALYSIS**

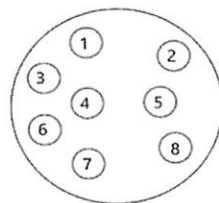
 Q-Plex™ Human Micronutrient v2 (7-Plex)  
 Software Product Code: HMTMA221004

REF Part Number: 355149HU  
 LOT Lot Number: HMTK221004 18872 001  
 Expiration Date: 2023-MAY-15

Reconstitute Calibrator using 270  $\mu$ L of Sample  
 Diluent with Competitor and 30  $\mu$ L of Calibrator Additive

| Component           | Part Number | Lot Number  | Recon. Volume | Exp. Date   |
|---------------------|-------------|-------------|---------------|-------------|
| Plate               | 355152HU    | HMTTP211115 | N/A           | 2023-MAY-15 |
| Sample Diluent      | 355157HU    | HMTS220829  | N/A           | 2024-FEB-29 |
| Calibrator Diluent  | N/A         | N/A         | N/A           | N/A         |
| Assay Diluent       | N/A         | N/A         | N/A           | N/A         |
| Competitor          | 355190HU    | HMTC210923  | 20 mL         | 2024-JUL-04 |
| Calibrator          | 355155HU    | HMTM221004  | 270 $\mu$ L   | 2024-JUL-04 |
| Calibrator Additive | 355142HU    | HMTA221004  | N/A           | 2024-APR-04 |
| Controls            | N/A         | N/A         | N/A           | N/A         |
| Detection           | 355156HU    | HMTD221017  | N/A           | 2024-APR-17 |
| Streptavidin HRP    | 101173GR    | QNSN220715  | N/A           | 2024-JAN-15 |
| Substrate A         | 101159GR    | QNSA220713  | N/A           | 2024-JUL-13 |
| Substrate B2        | 101128GR    | QNSB2220713 | N/A           | 2024-JUL-13 |
| Wash Buffer         | 101158GR    | QNSW210614  | N/A           | 2023-JUN-14 |

| Spot # | Analyte  | Units       | Cal Conc | ULOQ  | LLOQ   | LLD     |
|--------|----------|-------------|----------|-------|--------|---------|
| 1      | Ferritin | $\mu$ g/L   | 23.47    | 23.47 | 0.032  | 0.016   |
| 2      | *AGP     | g/L         | 0.38     | 0.38  | 0.0016 | 0.00078 |
| 3      | Tg       | $\mu$ g/L   | 13.52    | 13.52 | 0.019  | 0.0093  |
| 4      | sTfR     | mg/L        | 3.47     | 3.47  | 0.0048 | 0.0024  |
| 5      | REF      | N/A         | N/A      | N/A   | N/A    | N/A     |
| 6      | CRP      | mg/L        | 1.12     | 0.17  | 0.0015 | 0.00077 |
| 7      | HRP2     | $\mu$ g/L   | 1.68     | 1.68  | 0.010  | 0.0051  |
| 8      | *RBP4    | $\mu$ mol/L | 0.92     | 0.92  | 0.0038 | 0.0019  |



**Q-Plex™** ARRAYS  
 \*Competitive Assay

QC Release:

Date:

12 JAN 23

QA Release:

Date:

12 JAN 23

for Research Use Only