

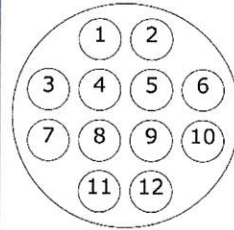
**CERTIFICATE OF ANALYSIS**

Q-Plex™ Human Enviromental Enteric Dysfunction (11-Plex)  
Software Product Code: HMDM210721-PTH

**REF** Part Number: 569849HU  
**LOT** Lot Number: HMDK210721 18511 001  
Expiration Date: 2023-DEC-02

| Component          | Part Number | Lot Number      | Recon. Volume | Exp. Date   |
|--------------------|-------------|-----------------|---------------|-------------|
| Plate              | 569852HU    | HMDP220524      | N/A           | 2024-MAY-24 |
| Sample Diluent     | 101104HU    | HQ6S220107      | N/A           | 2024-JAN-07 |
| Calibrator Diluent | N/A         | N/A             | N/A           | N/A         |
| Assay Diluent      | N/A         | N/A             | N/A           | N/A         |
| Competitor         | 569890HU    | HMDC210708      | 10 mL         | 2024-OCT-17 |
| Calibrator         | 569855HU    | HMDM210721      | 300 µL        | 2024-OCT-17 |
| Control 1          | 355131HU    | HMTQ220214-HIGH | 100 µL        | 2023-OCT-17 |
| Control 2          | 355132HU    | HMTQ220214-LOW  | 100 µL        | 2023-OCT-17 |
| Detection          | 569856HU    | HMDD220602      | N/A           | 2023-DEC-02 |
| Streptavidin       | 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    | QNSW220615      | N/A           | 2024-JUN-15 |

| Spot # | Analyte  | Units  | Cal Conc | ULOQ  | LLOQ   | LLD     |
|--------|----------|--------|----------|-------|--------|---------|
| 1      | Ferritin | µg/L   | 111      | 111   | 0.15   | 0.076   |
| 2      | Ig       | µg/L   | 12.40    | 12.40 | 0.017  | 0.0085  |
| 3      | sTfR     | mg/L   | 75       | 75    | 0.10   | 0.051   |
| 4      | HRP2     | µg/L   | 0.96     | 0.96  | 0.0013 | 0.00066 |
| 5      | IGF-1    | ng/mL  | 202      | 202   | 0.28   | 0.14    |
| 6      | FGF-21   | pg/mL  | 688      | 688   | 0.94   | 0.47    |
| 7      | IFABP    | pg/mL  | 2145     | 2145  | 2.94   | 1.47    |
| 8      | REF      | N/A    | N/A      | N/A   | N/A    | N/A     |
| 9      | *CRP     | mg/L   | 5.37     | 5.37  | 0.022  | 0.011   |
| 10     | *CD-14   | ng/mL  | 2170     | 2170  | 8.93   | 4.47    |
| 11     | *AGP     | g/L    | 0.30     | 0.30  | 0.0012 | 0.00062 |
| 12     | *RBP4    | µmol/L | 1.53     | 1.53  | 0.0063 | 0.0031  |



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

QC Release: *[Signature]*

Date: 17OCT22

QA Release: *[Signature]*

Date: 17OCT22

for Research Use Only