

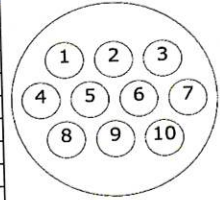
## CERTIFICATE OF ANALYSIS

Q-Plex™ Human Cytokine Inflammation Panel 1 (9-Plex)  
Software Product Code: HA1M200518-IFQ

**REF** Part Number: 110433HU  
**LOT** Lot Number: HCIK200518 18427 001  
Expiration Date: 2024-JAN-07

Component	Part Number	Lot Number	Recon. Volume	Exp. Date
Plate	110452HU	HCIP220329	N/A	2024-MAR-29
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	N/A	N/A	N/A	N/A
Calibrator	102655HU	HA1M200518	650 µL	2024-SEP-21
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	101173GR	QNSN220715	N/A	2024-JAN-15
Substrate A	101159GR	QNSA220825	N/A	2024-AUG-25
Substrate B+	101120GR	QNSB+220825	N/A	2024-AUG-25
Wash Buffer	101158GR	QNSW220803	N/A	2024-AUG-03

Spot #	Analyte	Units	Cal Conc	ULOQ	LLOQ	LLD
1	IL-1 $\alpha$	pg/mL	3900	3900	5.35	2.67
2	IL-1 $\beta$	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-6	pg/mL	3100	3100	4.25	2.13
6	IL-8	pg/mL	1800	1800	2.47	1.23
7	IL-10	pg/mL	6800	6800	9.33	4.66
8	IFN $\gamma$	pg/mL	8000	8000	10.97	5.49
9	TNF $\alpha$	pg/mL	5400	5400	7.41	3.70
10	REF	N/A	N/A	N/A	N/A	N/A



**Q-Plex™** ARRAYS

\*Competitive Assay

QC Release: \_\_\_\_\_

Date: 21SEP22

QA Release: \_\_\_\_\_

Date: 21SEP22

for Research Use Only