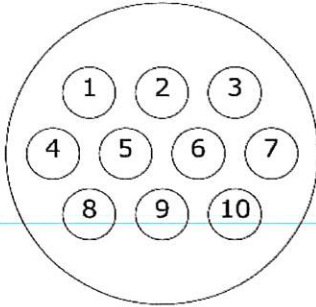


CERTIFICATE OF ANALYSIS

Product Information

Product Name: Human Cytokine Inflammation (9-Plex)
 Product Part Number: 110433HU
 Product Lot Number: HA1M200316 17241 001
 Sales Order Number: 21114
 Production Batch Quantity: 1



Lot Numbers

Plate Lot: HCIP210513
 Sample Diluent Lot: HQ6S211028
 Calibrator Lot: HA1M200316
 Detection Lot: HCSDQ6210607
 Streptavidin-HRP Lot: QNSN210921
 Substrate Lot: QNSA210920, QNSB+210920
 Wash Buffer Lot: QNSW211104

COEFFICIENT OF VARIATION MEASURES

Spot #	Analyte	Intra-Assay %CV	Inter-Batch %CV	Inter-Lot %CV
1	IL-1a	3.46	N/A	N/A
2	IL-1b	10.67	N/A	N/A
3	IL-2	4.92	N/A	N/A
4	IL-4	5.13	N/A	N/A
5	IL-6	5.1	N/A	N/A
6	IL-8	5.33	N/A	N/A
7	IL-10	6.58	N/A	N/A
8	IFN γ	3.35	N/A	N/A
9	TNF α	10.48	N/A	N/A
10	Ref	N/A	N/A	N/A

ASSAY CHARACTERISTICS

Spot #	Analyte	ULOQ	LLOQ	LLD
1	IL-1a	3800	5.21	2.61
2	IL-1b	12800	17.56	8.78
3	IL-2	4700	6.45	3.22
4	IL-4	1500	2.06	1.03
5	IL-6	2900	3.98	1.99
6	IL-8	1900	2.61	1.30
7	IL-10	7600	10.43	5.21
8	IFN γ	7900	10.84	5.42
9	TNF α	6300	8.64	4.32
10	Ref	N/A	N/A	N/A

Quality Release:

Date:

30 NOV 21