


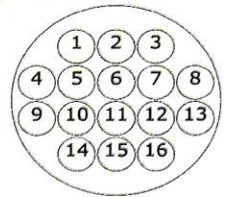
CERTIFICATE OF ANALYSIS

Q-Plex™ Human Cytokine HS (15-Plex)
 Software Product Code: HCHM200803-HSQ61

REF Part Number: 112433HU
LOT Lot Number: HCHK200803 18454 001
 Expiration Date: 2023-AUG-05

Component	Part Number	Lot Number	Recon. Volume	Exp. Date
Plate	112452HU	HCHP220223	N/A	2024-FEB-23
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	112455HU	HCHM200803	750 µL	2024-SEP-27
Calibrator Additive	N/A	N/A	N/A	N/A
Controls	N/A	N/A	N/A	N/A
Detection	112456HU_01	HCHDQ6210805	6 mL	2023-AUG-05
Streptavidin HRP	101173GR	QNSN220715	N/A	2024-JAN-15
Substrate A	101159GR	QNSA220713	N/A	2024-JUL-13
Substrate B+	101120GR	QNSB+220713	N/A	2024-JUL-13
Wash Buffer	101158GR	QNSW220803	N/A	2024-AUG-03

Spot #	Analyte	Units	Cal Conc	ULOQ	LLOQ	LLD
1	IL-1α	pg/mL	1160	1160	386.67	193.33
2	IL-1β	pg/mL	3360	3360	1120.00	560.00
3	IL-2	pg/mL	47	47	15.67	7.83
4	IL-4	pg/mL	18	18	6.00	3.00
5	IL-5	pg/mL	260	260	86.67	43.33
6	IL-6	pg/mL	240	240	80.00	40.00
7	IL-10	pg/mL	2320	2320	773.33	386.67
8	IL-12p70	pg/mL	2480	2480	826.67	413.33
9	IL-13	pg/mL	290	290	96.67	48.33
10	IL-15	pg/mL	3360	3360	1120.00	560.00
11	IL-17	pg/mL	4500	4500	1500.00	750.00
12	IL-23	pg/mL	13750	13750	4583.33	2291.67
13	IFNγ	pg/mL	93	93	31.00	15.50
14	TNFα	pg/mL	640	640	213.33	106.67
15	TNFβ	pg/mL	400	400	133.33	66.67
16	REF	N/A	N/A	N/A	N/A	N/A



Q-Plex™ ARRAYS
 *Competitive Assay

QC Release: *Stacey Piskun*

Date: 27SEP22

QA Release: *[Signature]*

Date: 27SEP22

for Research Use Only