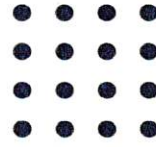


# QUANSYS

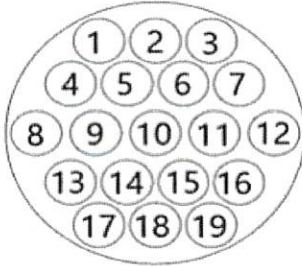
## B I O S C I E N C E S



### CERTIFICATE OF ANALYSIS

#### Product Information

Product Name: Q-Plex™ Human Custom (18-Plex)  
 Product Part Number: 676351HU  
 Product Lot Number: HCUK200518 17551 001  
 Sales Order Number: 21415  
 Production Batch Quantity: 3



#### Lot Numbers

Plate Lot: HCUP220224  
 Sample Diluent Lot: HCSS210204  
 Calibrator Lot: HA1M200518  
 Competitor Lot: N/A  
 Detection Lot: HCU220228  
 Streptavidin-HRP Lot: QNSN210921  
 Substrate Lot: QNSA220112, QNSB+220112  
 Wash Buffer Lot: QNSW220120

#### COEFFICIENT OF VARIATION MEASURES

Spot #	Analyte	Intra-Assay %CV	Inter-Batch %CV	Inter-Lot %CV
1	TNFRI	8.77	0.37	N/A
2	IL-1a	8.37	2.49	N/A
3	IL-1b	7.48	8.49	N/A
4	IL-2	6.33	3.62	N/A
5	IL-4	7.13	1.45	N/A
6	IL-5	4.64	2.07	N/A
7	IL-6	7.08	1.31	N/A
8	IL-8	5.84	0.27	N/A
9	IFNy	4.09	1.64	N/A
10	IL-12p70	8.07	0.49	N/A
11	IL-13	7.49	5.77	N/A
12	IL-23	7.56	2.27	N/A
13	IL-15	9.24	4.18	N/A
14	IL-17	12.04	1.74	N/A
15	IL-10	8.59	1.13	N/A
16	TNFa	7.19	1.27	N/A
17	TNFRII	7.53	0.65	N/A
18	TNFB	6.64	8.37	N/A
19	REF	N/A	N/A	N/A

#### ASSAY CHARACTERISTICS

Spot #	Analyte	ULOQ	LLOQ	LLD
1	TNFRI	961.56	3.70	0.18
2	IL-1a	3972.85	4.94	0.25
3	IL-1b	9865.08	12.39	0.36
4	IL-2	3537.15	4.01	0.230
5	IL-4	1571.09	2.39	0.29
6	IL-5	3104.61	4.18	0.08
7	IL-6	2868.61	3.87	0.08
8	IL-8	1810.21	2.18	0.16
9	IFNy	8232	9.23	0.65
10	IL-12p70	930.89	3.54	0.14
11	IL-13	2351.02	3.59	0.13
12	IL-23	25090.93	38.97	2.01
13	IL-15	2267.75	2.98	0.12
14	IL-17	4684.93	5.49	1.14
15	IL-10	2540.85	3.59	2.02
16	TNFa	3713.01	4.45	0.37
17	TNFRII	2084.69	2.53	0.019
18	TNFB	4129.69	4.54	0.2
19	REF	N/A	N/A	N/A

Quality Release: \_\_\_\_\_

Date: \_\_\_\_\_

07 MAR 22