

S2 Table. Statistical Analysis of the Results

Figure 1

<i>Hpi</i>	Mean PMA-U937 MOI=5	Mean RAW264.7 MOI=5	SE of Difference	P-value	Adjusted P-value
0	2500000	2500000	60310	>0.999999	>0.999999
2	250	250	31.62	>0.999999	>0.999999
4	200	200	60.01	>0.999999	>0.999999
6	200	200	58.9	>0.999999	>0.999999
8	700000	47000	116062	0.000038	0.000341
16	8000000	800000	1547869	0.000266	0.001861
24	24500000	3500000	5955456	0.002804	0.016707
36	52000000	5500000	9676521	0.000194	0.001552
48	32200000	2900000	58582423	0.623778	0.992463
	Mean U937 MOI=0.1	Mean RAW264.7 MOI=0.1	SE of Difference	P-value	Adjusted P-value
0	50000	50000	3255428	>0.999999	>0.999999
2	500	50	3255428	0.99989	>0.999999
4	50	50	3255428	>0.999999	>0.999999
6	50	50	3255428	>0.999999	>0.999999
8	2230	125	3255428	0.999485	>0.999999
16	47000	5500	3255428	0.989847	>0.999999
24	1150000	101200	3255428	0.747791	0.999935
36	7500000	420000	3255428	0.031276	0.224464
48	12000000	1100000	3255428	0.001038	0.009303

Figure 2A

<i>Hpi</i>	Mean PMA-U937 MOI=5	Mean RAW264.7 MOI=5	SE of Difference	P-value	Adjusted P-value
0	25000000	25000000	2126766	>0.999999	>0.999999
2	150	199	2126766	0.999982	>0.999999
4	120	145	2126766	0.999991	>0.999999
6	160	89	2126766	0.999973	>0.999999
8	7000000	60000	2126766	0.001621	0.008081
	Mean U937 MOI=0.1	Mean RAW264.7 MOI=0.1	SE of Difference	P-value	Adjusted P-value
0	500000	500000	4795	>0.999999	>0.999999
2	188	58	48.41	0.01626	0.078697
4	55	75	30.41	0.520147	0.946981
6	111	114	59.46	0.960388	0.998431
8	1900	70	8800	0.837892	0.99574

Figure 2B

<i>Hpi</i>	Mean PMA-U937 MOI=5	Mean RAW264.7 MOI=5	SE of Difference	P-value	Adjusted P-value
0	25000000	25000000	69633247	>0.999999	>0.999999
8	7000000	60000	69633247	0.920818	0.99373
12	40000000	800000	69633247	0.574782	0.923116
24	170000000	3500000	69633247	0.018748	0.090291
36	190000000	14000000	69633247	0.01312	0.076182
48	120000000	11000000	69633247	0.120793	0.402463
	Mean U937 MOI=0.1	Mean RAW264.7 MOI=0.1	SE of Difference	P-value	Adjusted P-value
0	500000	500000	3685022	>0.999999	>0.999999
8	1900	70	3685022	0.999605	>0.999999
12	200000	5500	3685022	0.958016	0.999926

24	850000	10000	3685022	0.82017	0.998954
36	4400000	420000	3685022	0.282827	0.810277
48	15000000	3300000	3685022	0.002014	0.012025

Figure 3

<i>Hpi</i>	Mean PMA-U937 MOI=5	Mean RAW264.7 MOI=5	SE of Difference	P-value	Adjusted P-value
2	25125	22229	2333279	0.999013	0.999981
4	25889	78433	2333279	0.982104	0.999981
6	120150	42362	2333279	0.973508	0.999981
8	16939492	199301	2333279	<0.000001	<0.000001

Figure 4

<i>Total cells</i>	Mean PMA-U937 MOI=1	Mean RAW264.7 MOI=1	SE of Difference	P-value	Adjusted P-value
	9825	9802	85.87	0.791254	0.791254

Figure 5

<i>Cytokine</i>	Mean CHIKV Infected	Mean Mock Treated	SE of Difference	P-value	Adjusted P-value
<i>IL-1β</i>	1980	21.78	237.2	<0.000001	<0.000001
<i>IL-6</i>	2045	21.89	237.2	<0.000001	<0.000001
<i>IL-8</i>	3509	18.44	237.2	<0.000001	<0.000001
<i>IL-10</i>	514.8	29.11	237.2	0.043321	0.043321
<i>IL-12p70</i>	2596	16.22	237.2	<0.000001	<0.000001
<i>TNF</i>	1288	37.33	237.2	<0.000001	0.000002

Figure 6

<i>Cytokine</i>	Mean CHIKV Infected	Mean Mock Treated	SE of Difference	P-value	Adjusted P-value
<i>IFN-γ</i>	25.67	25.78	4.143	0.978933	0.978933
<i>IL-6</i>	26.11	21.56	4.517	0.328219	0.54871
<i>IL-10</i>	115.4	26.67	8.24	<0.000001	<0.000001

<i>IL-12p70</i>	688.3	25.11	153.4	0.000523	0.002092
<i>MCP-1</i>	33.33	24.22	4.412	0.055515	0.157469
<i>TNF</i>	47	21.89	3.089	<0.000001	0.000002

Figure 7

<i>Cytokine</i>	Mean PMA-U937	Mean RAW264.7	SE of Difference	P-value	Adjusted P-value
<i>IL-6</i>	2045	23.22	235.7	<0.000001	<0.000001
<i>IL-10</i>	492.5	171.1	235.7	0.177368	0.177368
<i>IL-12p70</i>	2596	694.6	235.7	<0.000001	<0.000001
<i>TNF</i>	1165	37	235.7	0.00001	0.000021

Figure 8

<i>Cytokine</i>	Mean PMA-U937	Mean RAW264.7	SE of Difference	P-value	Adjusted P-value
<i>IL-1</i>	275.8	11.18	42.83	<0.000001	<0.000001
<i>IL-6</i>	251.2	1.14	42.83	<0.000001	<0.000001
<i>IL-10</i>	95.27	19.19	42.83	0.08014	0.08014
<i>MCP-1</i>	175.5	1.677	42.83	0.00013	0.00052
<i>IFN-α</i>	371.1	107.1	44.92	<0.000001	<0.000001
<i>IFN-γ</i>	120.6	0.6283	42.83	0.006641	0.013239
<i>TNF</i>	161.3	4.833	44.92	0.000868	0.002603

Figure 9

	Mean PMA-U937	Mean U937	SE of Difference	P-value	
<i>PMA-treated U937 vs. U937</i>	6.506	3.061	1.157	0.0318	0.0097