|	LUDOX-HS40	H2O
Replicate 1	0.061	0.039
Replicate 2	0.062	0.039
Replicate 3	0.063	0.043
Replicate 4	0.061	0.039
Arith. Mean	0.06175	0.04
Corrected Abs600	0.02175	
Reference OD600	0.0425	
OD600/Abs600	1.954023	

Enter Abs600 absorbance measurements into
Gold cells are calculated

Corrected value is particle-only contribution
Reference value is for 100uL of LUDOX-HS40 in
*Corrected value = scaling factor * measured val*

OX-HS40 in a well of a standard 96-well flat-bottom plate
easured value

uM Fluorescein	50.00	25	12.5	6.25	3.125	1.5625	0.78125
Replicate 1	9.167	10.099	8.136	3.694	4.01	2.294	1.263
Replicate 2	11.393	9.779	7.816	7.466	4.847	2.392	-0.028
Replicate 3	10.944	7.577	4.492	4.709	3.648	1.98	1.079
Replicate 4	8.969	8.87	5.894	5.118	4.076	2.264	1.473
Arith. Mean	10.11825	9.08125	6.5845	5.24675	4.14525	2.2325	0.94675
Arith. Std.Dev.	1.22916	1.129906	1.710662	1.596022	0.504248	0.176985	0.669473

Fluorescein Standard Curve
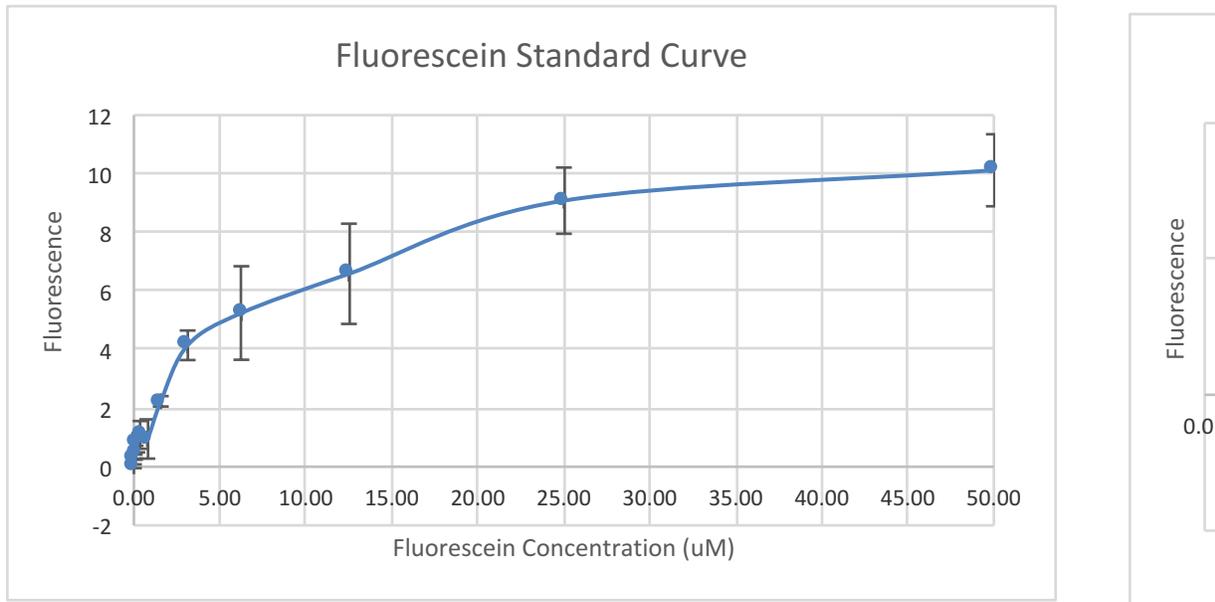
uM Fluorescein/a.u.	50.00	25	12.5	6.25	3.125	1.5625	0.78125
Mean um Fluorescein/	4.941566	2.752925	1.898398	1.191214	0.753875	0.699888	0.825191
Mean of med-high levels:		1.45926					

Final scaling level determined from medium-high points likely to be less
If needed, you can shift which points are used, but it is likely better to co

0.390625	0.195313	0.097656	0.048828	0
0.983	0.373	0.592	0.222	-0.023
1.651	1.091	0.514	0.439	0.097
0.512	1.039	0.696	0.329	-0.046
1.201	0.773	0.186	0.317	0.039
1.08675	0.819	0.497	0.32675	0.01675
0.473474	0.328337	0.22033	0.088831	0.064428

Enter fluorescence measurements
Gold cells are calculated

Values measured are fluorescence f

Fluorescein Standard Curve (log scale)

Fluorescein Concentration (uM)
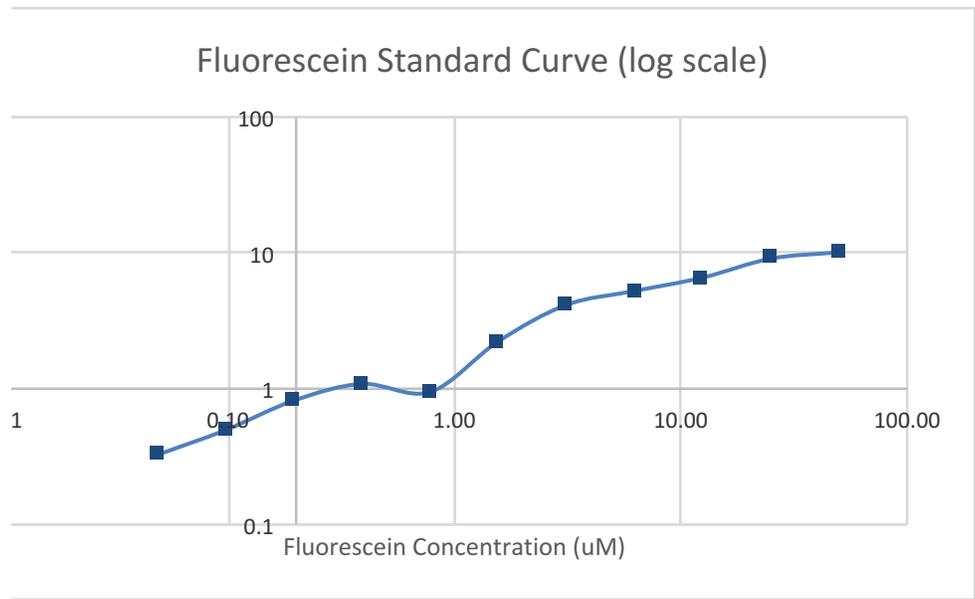
Values shou
Slope shoul
Common pr
* Consisten
* Oversatur

0.390625	0.195313	0.097656	0.048828
0.359443	0.238477	0.196491	0.149436

ly to be less impacted by saturation or pipetting error
better to correct instrument settings and protocol.

orescence from 100uL of X uM fluorescein solution

Values should form a straight line on both linear and log scale
Slope should be 1:1
Common problems:
* Consistent pipetting error --> log graph is a straight line but not 1:1 slope
* Oversaturated detector --> low concentrations linear, but high concentrations saturate or fall

Raw Plate Readings

Fluorescence Raw Readings:

Hour 0:

	Neg. Control	Pos. Control	Device 1	Device 2	Device 3	Device 4
Colony 1, Replicate 1	-0.017	0.089	0.311	0.205	0.055	0.156
Colony 1, Replicate 2	0.09	0.006	0.174	0.175	0.161	0
Colony 1, Replicate 3	0.145	0.006	0.017	-0.045	0.074	0.051
Colony 1, Replicate 4	0.006	0.067	-0.012	0.05	0.051	0.033
Colony 2, Replicate 1	0.011	-0.011	0.017	0.051	0.085	0.057
Colony 2, Replicate 2	0.034	0.079	0.085	0.183	-0.029	-0.143
Colony 2, Replicate 3	0.011	0.029	-0.079	0.034	0.045	-0.045
Colony 2, Replicate 4	0.034	0.346	0.022	0.106	0.033	-0.04

Hour 2:

	Neg. Control	Pos. Control	Device 1	Device 2	Device 3	Device 4
Colony 1, Replicate 1	0	0.04	0.165	0.179	0.04	0.292
Colony 1, Replicate 2	0.119	0.147	0.268	0.276	0.006	0.063
Colony 1, Replicate 3	0.218	0.04	-0.023	0.046	0.034	0.035
Colony 1, Replicate 4	0.057	0.133	0.023	0.154	0.062	0.029
Colony 2, Replicate 1	0.116	0.04	0.017	0.529	0.169	0.197
Colony 2, Replicate 2	0.148	0.103	0.057	0.317	0.063	-0.006
Colony 2, Replicate 3	-0.011	-0.069	-0.056	0.218	0.199	0.084
Colony 2, Replicate 4	-0.017	0.04	0.056	0.193	0.09	0.149

Hour 4:

	Neg. Control	Pos. Control	Device 1	Device 2	Device 3	Device 4
Colony 1, Replicate 1	0.18	0.138	0.011	0.125	-0.017	0.124
Colony 1, Replicate 2	0.367	0.08	0.028	0.157	0.115	0.085
Colony 1, Replicate 3	0.05	0.017	0.017	0.138	0.118	0.034
Colony 1, Replicate 4	0.152	0.126	0.011	0.151	0.121	0.144
Colony 2, Replicate 1	0.04	0.079	0.119	0.507	-0.023	0.411
Colony 2, Replicate 2	0.192	0.034	0.029	0.337	0.006	0.541
Colony 2, Replicate 3	0.017	-0.045	-0.028	0.296	0.145	0.381
Colony 2, Replicate 4	0.327	0.052	0.102	0.325	0.045	0.097

Hour 6:

	Neg. Control	Pos. Control	Device 1	Device 2	Device 3	Device 4
Colony 1, Replicate 1	0.141	0.045	0.028	0.302	0.057	0.224
Colony 1, Replicate 2	0	0.046	0.028	0.441	-0.029	0.023
Colony 1, Replicate 3	0.39	0.115	-0.104	0.012	0.075	0.122
Colony 1, Replicate 4	0.547	0.145	-0.023	0.306	0.121	0.098
Colony 2, Replicate 1	0.08	0.093	-0.011	0.681	0.018	0.149
Colony 2, Replicate 2	0.144	0.12	0.08	0.592	-0.035	0.433

Colony 2, Replicate 3	0.006	0.058	0.046	0.4	-0.085	0.202
Colony 2, Replicate 4	0.125	0.069	-0.069	0.396	0.058	0.472

Plate pattern:

A1	A2	A3	A4	A5	A6
B1	B2	B3	B4	B5	B6
C1	C2	C3	C4	C5	C6
D1	D2	D3	D4	D5	D6
E1	E2	E3	E4	E5	E6
F1	F2	F3	F4	F5	F6
G1	G2	G3	G4	G5	G6
H1	H2	H3	H4	H5	H6

Abs600 Raw Readings:

Device 5	Device 6	LB + Chlor (blank)	**Hour 0:**		Neg. Control	Pos. Control	Device 1
-0.057	0.119	0.006	Colony 1, Replicate 1		0.025	0.046	0.044
0.022	0.136	0.125	Colony 1, Replicate 2		-0.073	0.049	0.047
0.006	-0.022	0.068	Colony 1, Replicate 3		0.082	0.047	0.046
0.05	0.011	0.034	Colony 1, Replicate 4		0.025	0.053	0.046
-0.045	-0.011	-0.023	Colony 2, Replicate 1		0.034	0.047	0.047
-0.034	0.006	0.146	Colony 2, Replicate 2		0.052	0.048	0.048
0.09	0.023	0.051	Colony 2, Replicate 3		0.048	0.048	0.049
0.073	-0.011	-0.006	Colony 2, Replicate 4		0.046	0.047	0.051

Device 5	Device 6	LB + Chlor (blank)	**Hour 2:**		Neg. Control	Pos. Control	Device 1
0.085	0	0.023	Colony 1, Replicate 1		0.068	0.069	0.053
0.057	0.062	0.097	Colony 1, Replicate 2		0.066	0.071	0.053
-0.028	0.09	0.067	Colony 1, Replicate 3		0.068	0.072	0.053
0.136	-0.011	0.023	Colony 1, Replicate 4		0.069	0.07	0.053
0.045	0.017	-0.111	Colony 2, Replicate 1		0.063	0.069	0.053
0.186	-0.017	0.063	Colony 2, Replicate 2		0.066	0.072	0.056
0.468	0.011	0.284	Colony 2, Replicate 3		0.069	0.075	0.057
0.063	0.122	0.092	Colony 2, Replicate 4		0.065	0.069	0.058

Device 5	Device 6	LB + Chlor (blank)	**Hour 4:**		Neg. Control	Pos. Control	Device 1
-0.034	0.091	0.053	Colony 1, Replicate 1		0.094	0.126	0.059
0.135	0.046	0.194	Colony 1, Replicate 2		0.102	0.135	0.063
0.216	0.045	0.035	Colony 1, Replicate 3		0.096	0.122	0.056
0.283	0.023	0.103	Colony 1, Replicate 4		0.101	0.132	0.058
0.069	0.035	0.053	Colony 2, Replicate 1		0.07	0.133	0.056
0.063	0.006	0.194	Colony 2, Replicate 2		0.068	0.147	0.056
0.118	-0.133	0.035	Colony 2, Replicate 3		0.075	0.156	0.061
0.349	-0.023	0.103	Colony 2, Replicate 4		0.069	0.149	0.062

Device 5	Device 6	LB + Chlor (blank)	**Hour 6:**		Neg. Control	Pos. Control	Device 1
0.15	-0.108	0.165	Colony 1, Replicate 1		0.143	0.141	0.054
0.091	-0.051	0.08	Colony 1, Replicate 2		0.149	0.153	0.058
0.006	0.096	0.006	Colony 1, Replicate 3		0.136	0.139	0.052
0.206	-0.058	0.052	Colony 1, Replicate 4		0.161	0.184	0.054
0.171	0.006	0.219	Colony 2, Replicate 1		0.066	0.152	0.054
0.086	-0.041	0.051	Colony 2, Replicate 2		0.065	0.15	0.054

-0.017	0.122	0.023
0.084	-0.227	-0.116

Colony 2, Replicate 3	0.077	0.17	0.058
Colony 2, Replicate 4	0.067	0.19	0.057

A7	A8	A9
B7	B8	B9
C7	C8	C9
D7	D8	D9
E7	E8	E9
F7	F8	F9
G7	G8	G9
H7	H8	H9

Device 2	Device 3	Device 4	Device 5	Device 6	LB + Chlor (blank)
0.046	0.052	0.052	0.054	0.056	0.089
0.05	0.054	0.059	0.059	0.06	0.062
0.047	0.05	0.05	0.051	0.05	0.047
0.044	0.049	0.048	0.053	0.052	0.05
0.048	0.053	0.05	0.051	0.05	0.046
0.048	0.075	0.05	0.053	0.05	0.052
0.049	0.055	0.048	0.051	0.05	0.048
0.048	0.05	0.046	0.048	0.044	0.045

Device 2	Device 3	Device 4	Device 5	Device 6	LB + Chlor (blank)
0.061	0.072	0.059	0.073	0.077	0.056
0.061	0.072	0.057	0.068	0.077	0.055
0.059	0.077	0.056	0.072	0.077	0.05
0.059	0.073	0.054	0.071	0.074	0.051
0.071	0.077	0.057	0.059	0.065	0.043
0.073	0.079	0.058	0.067	0.071	0.047
0.075	0.079	0.057	0.068	0.071	0.043
0.073	0.074	0.054	0.063	0.066	0.044

Device 2	Device 3	Device 4	Device 5	Device 6	LB + Chlor (blank)
0.112	0.104	0.077	0.101	0.126	0.057
0.109	0.11	0.08	0.117	0.114	0.057
0.1	0.105	0.066	0.091	0.121	0.051
0.105	0.114	0.071	0.118	0.132	0.052
0.129	0.117	0.079	0.107	0.129	0.057
0.125	0.13	0.082	0.11	0.137	0.057
0.137	0.142	0.081	0.117	0.134	0.051
0.13	0.133	0.079	0.114	0.126	0.052

Device 2	Device 3	Device 4	Device 5	Device 6	LB + Chlor (blank)
0.112	0.11	0.086	0.113	0.128	0.062
0.112	0.12	0.098	0.108	0.117	0.066
0.12	0.121	0.088	0.109	0.125	0.05
0.13	0.125	0.1	0.124	0.13	0.053
0.128	0.127	0.089	0.123	0.13	0.051
0.142	0.136	0.09	0.121	0.124	0.056

0.136	0.14	0.093	0.123	0.132	0.057
0.153	0.143	0.097	0.136	0.124	0.048

Unit Scaling Factors:

These are imported from the prior two sheets

OD600/Abs600	1.95
uM Fluorescein/a.u.	1.46E+00

Experimental Values:

Raw Abs600

Sample set:	Replicate 1	Replicate 2	Replicate 3	Replicate 4
Blank media	0.089	0.062	0.047	0.05
Blank mean:	0.062			

Hour 0:

	Replicate 1	Replicate 2	Replicate 3	Replicate 4
Negative Control (Colony 1)	0.025	-0.073	0.082	0.025
Negative Control (Colony 2)	0.034	0.052	0.048	0.046
Positive Control (Colony 1)	0.046	0.049	0.047	0.053
Positive Control (Colony 2)	0.047	0.048	0.048	0.047
Test Device 1: J23101.BCD2.E0040.B0015 (Colony 1)	0.044	0.047	0.046	0.046
Test Device 1: J23101.BCD2.E0040.B0015 (Colony 2)	0.047	0.048	0.049	0.051
Test Device 2: J23106.BCD2.E0040.B0015 (Colony 1)	0.046	0.05	0.047	0.044
Test Device 2: J23106.BCD2.E0040.B0015 (Colony 2)	0.048	0.048	0.049	0.048
Test Device 3: J23117.BCD2.E0040.B0015 (Colony 1)	0.052	0.054	0.05	0.049
Test Device 3: J23117.BCD2.E0040.B0015 (Colony 2)	0.053	0.075	0.055	0.05
Test Device 4: J23101+I13504 (Colony 1)	0.052	0.059	0.05	0.048
Test Device 4: J23101+I13504 (Colony 2)	0.05	0.05	0.048	0.046
Test Device 5: J23106+I13504 (Colony 1)	0.054	0.059	0.051	0.053
Test Device 5: J23106+I13504 (Colony 2)	0.051	0.053	0.051	0.048
Test Device 6: J23117+I13504 (Colony 1)	0.056	0.06	0.05	0.052
Test Device 6: J23117+I13504 (Colony 2)	0.05	0.05	0.05	0.044

Hour 2:

	Replicate 1	Replicate 2	Replicate 3	Replicate 4
Negative Control (Colony 1)	0.068	0.066	0.068	0.069
Negative Control (Colony 2)	0.063	0.066	0.069	0.065
Positive Control (Colony 1)	0.069	0.071	0.072	0.07
Positive Control (Colony 2)	0.069	0.072	0.075	0.069
Test Device 1: J23101.BCD2.E0040.B0015 (Colony 1)	0.053	0.053	0.053	0.053
Test Device 1: J23101.BCD2.E0040.B0015 (Colony 2)	0.053	0.056	0.057	0.058
Test Device 2: J23106.BCD2.E0040.B0015 (Colony 1)	0.061	0.061	0.059	0.059
Test Device 2: J23106.BCD2.E0040.B0015 (Colony 2)	0.071	0.073	0.075	0.073
Test Device 3: J23117.BCD2.E0040.B0015 (Colony 1)	0.072	0.072	0.077	0.073
Test Device 3: J23117.BCD2.E0040.B0015 (Colony 2)	0.077	0.079	0.079	0.074
Test Device 4: J23101+I13504 (Colony 1)	0.059	0.057	0.056	0.054
Test Device 4: J23101+I13504 (Colony 2)	0.057	0.058	0.057	0.054
Test Device 5: J23106+I13504 (Colony 1)	0.073	0.068	0.072	0.071
Test Device 5: J23106+I13504 (Colony 2)	0.059	0.067	0.068	0.063

Test Device 6: J23117+I13504 (Colony 1)	0.077	0.077	0.077	0.074
Test Device 6: J23117+I13504 (Colony 2)	0.065	0.071	0.071	0.066

Hour 4:

Negative Control (Colony 1)	0.094	0.102	0.096	0.101
Negative Control (Colony 2)	0.07	0.068	0.075	0.069
Positive Control (Colony 1)	0.126	0.135	0.122	0.132
Positive Control (Colony 2)	0.133	0.147	0.156	0.149
Test Device 1: J23101.BCD2.E0040.B0015 (Colony 1)	0.059	0.063	0.056	0.058
Test Device 1: J23101.BCD2.E0040.B0015 (Colony 2)	0.056	0.056	0.061	0.062
Test Device 2: J23106.BCD2.E0040.B0015 (Colony 1)	0.112	0.109	0.1	0.105
Test Device 2: J23106.BCD2.E0040.B0015 (Colony 2)	0.129	0.125	0.137	0.13
Test Device 3: J23117.BCD2.E0040.B0015 (Colony 1)	0.104	0.11	0.105	0.114
Test Device 3: J23117.BCD2.E0040.B0015 (Colony 2)	0.117	0.13	0.142	0.133
Test Device 4: J23101+I13504 (Colony 1)	0.077	0.08	0.066	0.071
Test Device 4: J23101+I13504 (Colony 2)	0.079	0.082	0.081	0.079
Test Device 5: J23106+I13504 (Colony 1)	0.101	0.117	0.091	0.118
Test Device 5: J23106+I13504 (Colony 2)	0.107	0.11	0.117	0.114
Test Device 6: J23117+I13504 (Colony 1)	0.126	0.114	0.121	0.132
Test Device 6: J23117+I13504 (Colony 2)	0.129	0.137	0.134	0.126

Hour 6:

Negative Control (Colony 1)	0.143	0.149	0.136	0.161
Negative Control (Colony 2)	0.066	0.065	0.077	0.067
Positive Control (Colony 1)	0.141	0.153	0.139	0.184
Positive Control (Colony 2)	0.152	0.15	0.17	0.19
Test Device 1: J23101.BCD2.E0040.B0015 (Colony 1)	0.054	0.058	0.052	0.054
Test Device 1: J23101.BCD2.E0040.B0015 (Colony 2)	0.054	0.054	0.058	0.057
Test Device 2: J23106.BCD2.E0040.B0015 (Colony 1)	0.112	0.112	0.12	0.13
Test Device 2: J23106.BCD2.E0040.B0015 (Colony 2)	0.128	0.142	0.136	0.153
Test Device 3: J23117.BCD2.E0040.B0015 (Colony 1)	0.11	0.12	0.121	0.125
Test Device 3: J23117.BCD2.E0040.B0015 (Colony 2)	0.127	0.136	0.14	0.143
Test Device 4: J23101+I13504 (Colony 1)	0.086	0.098	0.088	0.1
Test Device 4: J23101+I13504 (Colony 2)	0.089	0.09	0.093	0.097
Test Device 5: J23106+I13504 (Colony 1)	0.113	0.108	0.109	0.124
Test Device 5: J23106+I13504 (Colony 2)	0.123	0.121	0.123	0.136
Test Device 6: J23117+I13504 (Colony 1)	0.128	0.117	0.125	0.13
Test Device 6: J23117+I13504 (Colony 2)	0.13	0.124	0.132	0.124

Enter fluorescence and Abs600 measurements into blue cells on "Raw Plate Reader Measurements"
They will be copied into the green cells on this sheet.
Gold cells are calculated
If you have more replicates, unhide the extra columns

Raw Fluorescence

Replicate 1	Replicate 2	Replicate 3	Replicate 4
0.006	0.125	0.068	0.034

0.05825

OD - Background

Replicate 1	Replicate 2	Replicate 3	Replicate 4

-0.017	0.09	0.145	0.006		-0.037	-0.135	0.02	-0.037
0.011	0.034	0.011	0.034		-0.028	-0.01	-0.014	-0.016
0.089	0.006	0.006	0.067		-0.016	-0.013	-0.015	-0.009
-0.011	0.079	0.029	0.346		-0.015	-0.014	-0.014	-0.015
0.311	0.174	0.017	-0.012		-0.018	-0.015	-0.016	-0.016
0.017	0.085	-0.079	0.022		-0.015	-0.014	-0.013	-0.011
0.205	0.175	-0.045	0.05		-0.016	-0.012	-0.015	-0.018
0.051	0.183	0.034	0.106		-0.014	-0.014	-0.013	-0.014
0.055	0.161	0.074	0.051		-0.01	-0.008	-0.012	-0.013
0.085	-0.029	0.045	0.033		-0.009	0.013	-0.007	-0.012
0.156	0	0.051	0.033		-0.01	-0.003	-0.012	-0.014
0.057	-0.143	-0.045	-0.04		-0.012	-0.012	-0.014	-0.016
-0.057	0.022	0.006	0.05		-0.008	-0.003	-0.011	-0.009
-0.045	-0.034	0.09	0.073		-0.011	-0.009	-0.011	-0.014
0.119	0.136	-0.022	0.011		-0.006	-0.002	-0.012	-0.01
-0.011	0.006	0.023	-0.011		-0.012	-0.012	-0.012	-0.018

0	0.119	0.218	0.057		0.006	0.004	0.006	0.007
0.116	0.148	-0.011	-0.017		0.001	0.004	0.007	0.003
0.04	0.147	0.04	0.133		0.007	0.009	0.01	0.008
0.04	0.103	-0.069	0.04		0.007	0.01	0.013	0.007
0.165	0.268	-0.023	0.023		-0.009	-0.009	-0.009	-0.009
0.017	0.057	-0.056	0.056		-0.009	-0.006	-0.005	-0.004
0.179	0.276	0.046	0.154		-0.001	-0.001	-0.003	-0.003
0.529	0.317	0.218	0.193		0.009	0.011	0.013	0.011
0.04	0.006	0.034	0.062		0.01	0.01	0.015	0.011
0.169	0.063	0.199	0.09		0.015	0.017	0.017	0.012
0.292	0.063	0.035	0.029		-0.003	-0.005	-0.006	-0.008
0.197	-0.006	0.084	0.149		-0.005	-0.004	-0.005	-0.008
0.085	0.057	-0.028	0.136		0.011	0.006	0.01	0.009
0.045	0.186	0.468	0.063		-0.003	0.005	0.006	0.001

0	0.062	0.09	-0.011	0.015	0.015	0.015	0.012
0.017	-0.017	0.011	0.122	0.003	0.009	0.009	0.004

0.18	0.367	0.05	0.152	0.032	0.04	0.034	0.039
0.04	0.192	0.017	0.327	0.008	0.006	0.013	0.007
0.138	0.08	0.017	0.126	0.064	0.073	0.06	0.07
0.079	0.034	-0.045	0.052	0.071	0.085	0.094	0.087
0.011	0.028	0.017	0.011	-0.003	0.001	-0.006	-0.004
0.119	0.029	-0.028	0.102	-0.006	-0.006	-0.001	0
0.125	0.157	0.138	0.151	0.05	0.047	0.038	0.043
0.507	0.337	0.296	0.325	0.067	0.063	0.075	0.068
-0.017	0.115	0.118	0.121	0.042	0.048	0.043	0.052
-0.023	0.006	0.145	0.045	0.055	0.068	0.08	0.071
0.124	0.085	0.034	0.144	0.015	0.018	0.004	0.009
0.411	0.541	0.381	0.097	0.017	0.02	0.019	0.017
-0.034	0.135	0.216	0.283	0.039	0.055	0.029	0.056
0.069	0.063	0.118	0.349	0.045	0.048	0.055	0.052
0.091	0.046	0.045	0.023	0.064	0.052	0.059	0.07
0.035	0.006	-0.133	-0.023	0.067	0.075	0.072	0.064

0.141	0	0.39	0.547	0.081	0.087	0.074	0.099
0.08	0.144	0.006	0.125	0.004	0.003	0.015	0.005
0.045	0.046	0.115	0.145	0.079	0.091	0.077	0.122
0.093	0.12	0.058	0.069	0.09	0.088	0.108	0.128
0.028	0.028	-0.104	-0.023	-0.008	-0.004	-0.01	-0.008
-0.011	0.08	0.046	-0.069	-0.008	-0.008	-0.004	-0.005
0.302	0.441	0.012	0.306	0.05	0.05	0.058	0.068
0.681	0.592	0.4	0.396	0.066	0.08	0.074	0.091
0.057	-0.029	0.075	0.121	0.048	0.058	0.059	0.063
0.018	-0.035	-0.085	0.058	0.065	0.074	0.078	0.081
0.224	0.023	0.122	0.098	0.024	0.036	0.026	0.038
0.149	0.433	0.202	0.472	0.027	0.028	0.031	0.035
0.15	0.091	0.006	0.206	0.051	0.046	0.047	0.062
0.171	0.086	-0.017	0.084	0.061	0.059	0.061	0.074
-0.108	-0.051	0.096	-0.058	0.066	0.055	0.063	0.068
0.006	-0.041	0.122	-0.227	0.068	0.062	0.07	0.062

Fluorescence - Background

Replicate 1	Replicate 2	Replicate 3	Replicate 4
-0.07525	0.03175	0.08675	-0.05225
-0.04725	-0.02425	-0.04725	-0.02425
0.03075	-0.05225	-0.05225	0.00875
-0.06925	0.02075	-0.02925	0.28775
0.25275	0.11575	-0.04125	-0.07025
-0.04125	0.02675	-0.13725	-0.03625
0.14675	0.11675	-0.10325	-0.00825
-0.00725	0.12475	-0.02425	0.04775
-0.00325	0.10275	0.01575	-0.00725
0.02675	-0.08725	-0.01325	-0.02525
0.09775	-0.05825	-0.00725	-0.02525
-0.00125	-0.20125	-0.10325	-0.09825
-0.11525	-0.03625	-0.05225	-0.00825
-0.10325	-0.09225	0.03175	0.01475
0.06075	0.07775	-0.08025	-0.04725
-0.06925	-0.05225	-0.03525	-0.06925

uM Fluorescein / OD600

Replicate 1	Replicate 2	Replicate 3	Replicate 4
1.52	-0.18	3.24	1.05
1.26	1.81	2.52	1.13
-1.44	3.00	2.60	-0.73
3.45	-1.11	1.56	-14.33
-10.49	-5.76	1.93	3.28
2.05	-1.43	7.88	2.46
-6.85	-7.27	5.14	0.34
0.39	-6.65	1.39	-2.55
0.24	-9.59	-0.98	0.42
-2.22	-5.01	1.41	1.57
-7.30	14.50	0.45	1.35
0.08	12.52	5.51	4.59
10.76	9.02	3.55	0.68
7.01	7.65	-2.16	-0.79
-7.56	-29.03	4.99	3.53
4.31	3.25	2.19	2.87

-0.05825	0.06075	0.15975	-0.00125
0.05775	0.08975	-0.06925	-0.07525
-0.01825	0.08875	-0.01825	0.07475
-0.01825	0.04475	-0.12725	-0.01825
0.10675	0.20975	-0.08125	-0.03525
-0.04125	-0.00125	-0.11425	-0.00225
0.12075	0.21775	-0.01225	0.09575
0.47075	0.25875	0.15975	0.13475
-0.01825	-0.05225	-0.02425	0.00375
0.11075	0.00475	0.14075	0.03175
0.23375	0.00475	-0.02325	-0.02925
0.13875	-0.06425	0.02575	0.09075
0.02675	-0.00125	-0.08625	0.07775
-0.01325	0.12775	0.40975	0.00475

-7.25	11.34	19.88	-0.13
43.13	16.76	-7.39	-18.73
-1.95	7.36	-1.36	6.98
-1.95	3.34	-7.31	-1.95
-8.86	-17.40	6.74	2.92
3.42	0.16	17.06	0.42
-90.18	-162.62	3.05	-23.84
39.06	17.57	9.18	9.15
-1.36	-3.90	-1.21	0.25
5.51	0.21	6.18	1.98
-58.19	-0.71	2.89	2.73
-20.72	12.00	-3.85	-8.47
1.82	-0.16	-6.44	6.45
3.30	19.08	51.00	3.55

-0.05825	0.00375	0.03175	-0.06925		-2.90	0.19	1.58	-4.31
-0.04125	-0.07525	-0.04725	0.06375		-10.27	-6.24	-3.92	11.90

0.12175	0.30875	-0.00825	0.09375		2.84	5.76	-0.18	#NUM!
-0.01825	0.13375	-0.04125	0.26875		-1.70	16.65	-2.37	#NUM!
0.07975	0.02175	-0.04125	0.06775		0.93	0.22	-0.51	#NUM!
0.02075	-0.02425	-0.10325	-0.00625		0.22	-0.21	-0.82	#NUM!
-0.04725	-0.03025	-0.04125	-0.04725		11.76	-22.59	5.13	#NUM!
0.06075	-0.02925	-0.08625	0.04375		-7.56	3.64	64.41	#DIV/0!
0.06675	0.09875	0.07975	0.09275		1.00	1.57	1.57	1.61
0.44875	0.27875	0.23775	0.26675		5.00	3.30	2.37	2.93
-0.07525	0.05675	0.05975	0.06275		-1.34	0.88	1.04	0.90
-0.08125	-0.05225	0.08675	-0.01325		-1.10	-0.57	0.81	-0.14
0.06575	0.02675	-0.02425	0.08575		3.27	1.11	-4.53	7.12
0.35275	0.48275	0.32275	0.03875		15.50	18.03	12.69	1.70
-0.09225	0.07675	0.15775	0.22475		-1.77	1.04	4.06	3.00
0.01075	0.00475	0.05975	0.29075		0.18	0.07	0.81	4.18
0.03275	-0.01225	-0.01325	-0.03525		0.38	-0.18	-0.17	-0.38
-0.02325	-0.05225	-0.19125	-0.08125		-0.26	-0.52	-1.98	-0.95

0.08275	-0.05825	0.33175	0.48875		0.76	-0.50	3.35	3.69
0.02175	0.08575	-0.05225	0.06675		4.06	21.35	-2.60	9.97
-0.01325	-0.01225	0.05675	0.08675		-0.13	-0.10	0.55	0.53
0.03475	0.06175	-0.00025	0.01075		0.29	0.52	0.00	0.06
-0.03025	-0.03025	-0.16225	-0.08125		2.82	5.65	12.12	7.58
-0.06925	0.02175	-0.01225	-0.12725		6.46	-2.03	2.29	19.01
0.24375	0.38275	-0.04625	0.24775		3.64	5.72	-0.60	2.72
0.62275	0.53375	0.34175	0.33775		7.05	4.98	3.45	2.77
-0.00125	-0.08725	0.01675	0.06275		-0.02	-1.12	0.21	0.74
-0.04025	-0.09325	-0.14325	-0.00025		-0.46	-0.94	-1.37	0.00
0.16575	-0.03525	0.06375	0.03975		5.16	-0.73	1.83	0.78
0.09075	0.37475	0.14375	0.41375		2.51	10.00	3.46	#NUM!
0.09175	0.03275	-0.05225	0.14775		1.34	0.53	-0.83	#NUM!
0.11275	0.02775	-0.07525	0.02575		1.38	0.35	-0.92	#NUM!
-0.16625	-0.10925	0.03775	-0.11625		-1.88	-1.48	0.45	#NUM!
-0.05225	-0.09925	0.06375	-0.28525		-0.57	-1.20	0.68	#NUM!

Summary Statistics

Arith. Mean	Arith. Std.Dev.	Geo. Mean	Geo. Std. Dev.
1.41	1.41	#NUM!	#NUM!
1.68	0.63	1.60	1.440
0.86	2.27	#NUM!	#NUM!
-2.61	8.03	#NUM!	#NUM!
-2.76	6.51	#NUM!	#NUM!
2.74	3.85	#NUM!	#NUM!
-2.16	5.99	#NUM!	#NUM!
-1.86	3.61	#NUM!	#NUM!
-2.48	4.78	#NUM!	#NUM!
-1.06	3.16	#NUM!	#NUM!
2.25	9.04	#NUM!	#NUM!
5.67	5.15	2.23	9.763
6.00	4.69	3.92	3.529
2.93	5.12	#NUM!	#NUM!
-7.02	15.71	#NUM!	#NUM!
3.16	0.88	3.07	1.324

5.96	12.03	#NUM!	#NUM!
8.44	27.45	#NUM!	#NUM!
2.76	5.10	#NUM!	#NUM!
-1.97	4.35	#NUM!	#NUM!
-4.15	11.05	#NUM!	#NUM!
5.27	8.00	1.40	8.230
-68.39	74.03	#NUM!	#NUM!
18.74	14.12	15.49	1.991
-1.55	1.73	#NUM!	#NUM!
3.47	2.85	1.94	4.813
-13.32	29.96	#NUM!	#NUM!
-5.26	13.53	#NUM!	#NUM!
0.42	5.35	#NUM!	#NUM!
19.23	22.43	10.33	3.812

-1.36	2.71	#NUM!	#NUM!
-2.13	9.72	#NUM!	#NUM!

#NUM!	#NUM!	#NUM!	#NUM!
#NUM!	#NUM!	#NUM!	#NUM!
#NUM!	#NUM!	#NUM!	#NUM!
#NUM!	#NUM!	#NUM!	#NUM!
#NUM!	#NUM!	#NUM!	#NUM!
#DIV/0!	#DIV/0!	#DIV/0!	#NUM!
1.44	0.29	1.41	1.260
3.40	1.13	3.27	1.370
0.37	1.14	#NUM!	#NUM!
-0.25	0.81	#NUM!	#NUM!
1.74	4.86	#NUM!	#NUM!
11.98	7.19	8.81	3.021
1.58	2.56	#NUM!	#NUM!
1.31	1.94	0.46	5.887
-0.08	0.33	#NUM!	#NUM!
-0.93	0.76	#NUM!	#NUM!

1.82	2.03	#NUM!	#NUM!
8.19	10.16	#NUM!	#NUM!
0.21	0.38	#NUM!	#NUM!
0.22	0.24	#NUM!	#NUM!
7.04	3.91	6.19	1.841
6.43	9.07	#NUM!	#NUM!
2.87	2.63	#NUM!	#NUM!
4.56	1.90	4.28	1.509
-0.05	0.79	#NUM!	#NUM!
-0.69	0.59	#NUM!	#NUM!
1.76	2.50	#NUM!	#NUM!
#NUM!	#NUM!	#NUM!	2.061
#NUM!	#NUM!	#NUM!	#NUM!
#NUM!	#NUM!	#NUM!	#NUM!
#NUM!	#NUM!	#NUM!	#NUM!
#NUM!	#NUM!	#NUM!	#NUM!