

target Abs600  
target volume (mL)

**0.02**

**12**

Replicate 1

sample	Abs600 Reading	Volume of Preloading Culture (mL)	Volume of Preloading Media (mL)
positive control	2.393	0.10029252	11.89970748
negative control	2.58	0.093023256	11.90697674
device 1	2.908	0.082530949	11.91746905
device 2	2.291	0.104757748	11.89524225
device 3	0.819	0.293040293	11.70695971
device 4	1.077	0.222841226	11.77715877
device 5	0.967	0.248190279	11.75180972
device 6	0.989	0.242669363	11.75733064
media+chl	0	#DIV/0!	#DIV/0!

Replicate 2

sample	Abs600 Reading	Volume of Preloading Culture (mL)	Volume of Preloading Media (mL)
positive control	2.698	0.088954781	11.91104522
negative control	2.522	0.095162569	11.90483743
device 1	1.292	0.185758514	11.81424149
device 2	2.186	0.10978957	11.89021043
device 3	1.14	0.210526316	11.78947368
device 4	0.734	0.326975477	11.67302452
device 5	0.848	0.283018868	11.71698113
device 6	1.178	0.203735144	11.79626486
media+chl			

**Enter fluorescence measurements into blue  
Gold cells are calculated**

Volume of Preloading Culture (uL)	Volume of Preloading Media (uL)
100.2925198	11899.70748
93.02325581	11906.97674
82.53094911	11917.46905
104.7577477	11895.24225
293.040293	11706.95971
222.8412256	11777.15877
248.1902792	11751.80972
242.669363	11757.33064
#DIV/0!	#DIV/0!

Volume of Preloading Culture (uL)	Volume of Preloading Media (uL)
88.95478132	11911.04522
95.16256939	11904.83743
185.7585139	11814.24149
109.78957	11890.21043
210.5263158	11789.47368
326.9754768	11673.02452
283.0188679	11716.98113
203.7351443	11796.26486

**cells**