

Cell Counting After Sorting

05/14/01

MS = 500 μ l; Background = 3

100M cells

Dye(-)ve cells

Tube#	count	count	Avg.	cell conc.	Dil plated/ cell plated	Vol. of cell plated
1.	764, 868, 676, 684	708	283200	1:1000 (200)	0.70	
2.	784, 697, 719, 669	695	278000	1:1000 (200)	0.72	
3	773, 784, 726	761	304400	1:1000 (200)	0.66	
4	938, 903, 856	899	359600	1:1000 (200)	0.56	
5	802, 789, 915	802	320800	1:1000 (200) 1:1000 (200)	0.58 0.62	
6	804, 784, 794	794	317600	1:100 (2000) 1:1000 (200)	0.62 0.63	
7	759, 791, 807	785	314266	1:100 (2000) 1:1000 (200)	0.63 0.64	

Dye(+)ve cells

1.	634, 561, 601, 618	617	247066	1:1000 (200)	0.81
2	665, 655, 671	663	265466	1:1000 (200)	0.75
3	624, 646, 672	647	258933		0.77
4.	638, 594, 589	607	242800		0.82
5	688, 729, 666	694	277733		0.72
6	536, 523, 515	524	209866		0.95
7.	399, 424, 420	414	165733		1.2