

12. Centrifuge tubes for 10 min at 2000 rpm, 4°C
13. Decant supernatant, click tubes, vortex, resuspend in 10 ml wash MEMA
14. Centrifuge tubes for 10 min at 2000 rpm, 4°C
15. Decant supernatant, click tubes, vortex, resuspend in 10 ml of wash MEMA
16. Centrifuge tubes for 10 min at 2000 rpm, 4°C
17. Decant supernatant, click tubes, vortex, resuspend cells in 5 ml MEMA. Syringe 5X with 21G, 5 cc. Transfer 100 µl to Coulter cup w/ 20 ml Isotone II and count.

Labeled Cells Bkg 2, 500ml ^{manometer} ~~manometer~~ ml for 400,000 cells

Tube	Coulter 1	Coulter 2	Coulter 3	Average	Cell Conc	Cell Conc	
1	424	411	437	424	1.70×10^5	2.35	
2	258 494	485 231	212 499	233.7	9.35×10^4	2.08	
3	414	410	397	407	1.63×10^5	2.45	
4	376	368	353	366	1.46×10^5	2.74	
5	297	296	332	308	1.23×10^5	3.25	
6	358 290	325 302	293	295	1.18×10^5	3.39	
7	320 260	358 258	271	263	1.05×10^5	3.81	
8	270	250	227	249	9.96×10^4	4.02	
9	285 226	233	249	236	9.44×10^4	4.24	
10	258	231	212	233.7	9.35×10^4	4.27	

Bkgd. 2

Unlabeled

10U	2229	2220	2251	2233 =	$8.93 \times 10^5 / \text{ml}$	} Use $1.1 \times 10^6 / \text{ml}$
1U	2888	2689	2757		$1.11 \times 10^6 / \text{ml}$	
2U	2833	2866	2819	2839	$1.13 \times 10^6 / \text{ml}$	

So for 3,600,000 cells, need 3.27 ml unlabeled cells