

Tube #	Avg. cpm $\frac{0.175 \times 0.812}{0.142}$	dpm $\frac{60 \times 37000 \times 3}{666000}$	$\frac{\mu\text{Ci/ml}}{\text{cells/ml}} \times 10^6$	$A_0 = \frac{A_t}{e^{-\ln 2 \times 79}}$ $= A_t \times 0.753$
Tube #	dpm	$\mu\text{Ci/ml cells}$	pci/cell at 3:30pm of 10/31/97	pci/cell at 8-15 a.m of 10/28/97
1	0	0	0.07	
2	0	0		
3	10473.6	0.01572	0.06202 0.07509	0.0823
4	18676.0	0.02804	0.16264	0.2159
5	30009.1	0.04505	0.27536	0.3656
6	0	0	0	
7	0	0	0	
8	13002.1	0.01952	0.10138	0.1346
9	20016.1	0.03005	0.20267	0.2691
10	50600.7	0.07597	0.53200	0.7065

Plate # (Dilution)	No. of Colonies	Avg. Colonies	SF	11/08/97 3-00 p.m.
1.2	73, 63, 80	72		
* 2.2	* 10, 8, 21	13		
3.3	136, 134, 130	13.3	0.18	
4.3	95, 85, 81	8.7	0.12	
5.3	58, 50, 44	5.06	0.07	
* 6.2	* 22, 21, 19	20.6		
7.2	78, 84, 69	77		
8.3	125, 121, 119	12.1	0.15	
9.4	221, 210, 208	2.13	0.02	
10.4	137, 148, 146	1.43	0.01	

* low colony count possibly due to loss of cells during washing prior to harvesting.