

2ml H<sub>2</sub>O<sub>2</sub> Exp. 7. L  
(?)

USER: 1 ID:WIPE PRESET TIME: 1.00 FRI 19 JUL 1996 15:03  
 SAMPLE REPEAT: 1 CYCLE REPEAT: 1 SCR:N RS232:N  
 H#: 1 ACC:N GCF:N RCM:N  
 CHANNEL 1-LL: 0 UL: 400 2SIGMA: 2.00 BKG SUB: 0.00 BKG 2SIG: 0.00 LSR: 0  
 CHANNEL 2-LL: 0 UL: 670 2SIGMA: 2.00 BKG SUB: 0.00 BKG 2SIG: 0.00 LSR: 0  
 CHANNEL 3-LL: 0 UL: 1000 2SIGMA: 2.00 BKG SUB: 0.00 BKG 2SIG: 0.00 LSR: 0  
 DATA CALC: CPM, UNKNOWN REPLICATES: 1 NORM FACTOR: Q 1.00000  
 HALF LIFE(DAYS): N

SAM	POS	CH	CPM	2SIG%	TIME	EL TIME	AVG H#	ERR
1	**-18	1	8.00	70.71	1.00	1.51	83.0	
		2	18.00	47.14				
		3	23.00	41.70				
152	**- 1	1	6.00	81.65	1.00	3.17	58.0	
		2	16.00	50.00				
		3	22.00	42.64				
3	**- 2	1	7.00	75.59	1.00	4.77	58.0	
		2	13.00	55.47				
		3	21.00	43.64				
4	**- 3	1	11.00	60.30	1.00	6.36	61.0	
		2	18.00	47.14				
		3	26.00	39.22				
5	**- 4	1	3.00	115.5	1.00	7.97	58.0	
		2	12.00	57.74				
		3	16.00	50.00				
6	**- 5	1	8.00	70.71	1.00	9.58	57.0	
		2	16.00	50.00				
		3	19.00	45.88				
7	**- 6	1	10.00	63.25	1.00	11.23	59.0	
		2	18.00	47.14				
		3	20.00	44.72				
8	**- 7	1	838.00	6.91	1.00	12.88	59.0	
		2	846.00	6.88				
		3	851.00	6.86				
9	**- 8	1	797.00	7.08	1.00	14.48	59.0	
		2	804.00	7.05				
		3	807.00	7.04				
10	**- 9	1	846.00	6.88	1.00	16.13	60.0	
		2	852.00	6.85				
		3	859.00	6.82				
11	**-10	1	2810.00	3.77	1.00	17.73	59.0	
		2	2820.00	3.77				
		3	2823.00	3.76				
12	**-11	1	2907.00	3.71	1.00	19.34	59.0	
		2	2920.00	3.70				
		3	2926.00	3.70				
13	**-12	1	2682.00	3.86	1.00	20.95	59.0	
		2	2696.00	3.85				
		3	2704.00	3.85				
14	**-13	1	4800.00	2.89	1.00	22.56	59.0	
		2	4809.00	2.88				
		3	4815.00	2.88				

SAM	POS	CH	CPM	2SIG%	TIME	EL TIME	AVG H#	ERR
15	**-14	1	4694.00	2.92	1.00	24.17	59.0	
		2	4704.00	2.92				
		3	4708.00	2.91				
16	**-15	1	4522.00	2.97	1.00	25.78	59.0	
		2	4532.00	2.97				
		3	4540.00	2.97				
17	**-16	1	8.00	70.71	1.00	27.39	58.0	
		2	17.00	48.51				
		3	28.00	37.80				
18	**-17	1	8.00	70.71	1.00	28.99	57.0	
		2	11.00	60.30				
		3	16.00	50.00				
19	**-18	1	8.00	70.71	1.00	30.60	57.0	
		2	17.00	48.51				
		3	24.00	40.82				
20	**- 1	1	10.00	63.25	1.00	32.31	58.0	
		2	14.00	53.45				
		3	22.00	42.64				
21	**- 2	1	8.00	70.71	1.00	33.91	58.0	
		2	15.00	51.64				
		3	19.00	45.88				
22	**- 3	1	10.00	63.25	1.00	35.52	58.0	
		2	20.00	44.72				
		3	25.00	40.00				
23	**- 4	1	950.00	6.49	1.00	37.12	58.0	
		2	957.00	6.47				
		3	970.00	6.42				
24	**- 5	1	947.00	6.50	1.00	38.73	59.0	
		2	957.00	6.47				
		3	962.00	6.45				
25	**- 6	1	926.00	6.57	1.00	40.33	62.0	
		2	935.00	6.54				
		3	939.00	6.53				
26	**- 7	1	2792.00	3.79	1.00	41.94	57.0	
		2	2802.00	3.78				
		3	2806.00	3.78				
27	**- 8	1	2743.00	3.82	1.00	43.55	59.0	
		2	2751.00	3.81				
		3	2756.00	3.81				
28	**- 9	1	2751.00	3.81	1.00	45.16	57.0	
		2	2766.00	3.80				
		3	2772.00	3.80				
29	**-10	1	4554.00	2.96	1.00	46.82	59.0	
		2	4561.00	2.96				
		3	4566.00	2.96				
30	**-11	1	4750.00	2.90	1.00	48.42	58.0	
		2	4757.00	2.90				
		3	4762.00	2.90				
31	**-12	1	4766.00	2.90	1.00	50.02	57.0	
		2	4781.00	2.89				
		3	4793.00	2.89				

SAM	POS	CH	CFM	2SIG%	TIME	EL TIME	AVG H#	ERR
32	**-13	1	12.00	57.74	1.00	51.63	59.0	
		2 15'	19.00	45.88				
		3	24.00	40.82				
33	**-14	1	12.00	57.74	1.00	53.23	61.0	
		2 25'	25.00	40.00				
		3	30.00	36.51				
34	**-15	1	674.00	7.70	1.00	54.84	60.0	
		2 35'	688.00	7.62				
		3	693.00	7.60				
35	**-16	1	1838.00	4.67	1.00	56.44	60.0	
		2 48'	1846.00	4.65				
		3	1853.00	4.65				
36	**-17	1	2714.00	3.84	1.00	58.05	59.0	
		2 58'	2722.00	3.83				
		3	2728.00	3.83				
37	**-18	1	6.00	81.65	1.00	59.66	61.0	
		2 63'	10.00	63.25				
		3	14.00	53.45				
38	**- 1	1	10.00	63.25	1.00	61.37	60.0	
		2 75'	21.00	43.64				
		3	30.00	36.51				
39	**- 2	1	621.00	8.03	1.00	62.96	61.0	
		2 85'	631.00	7.96				
		3	636.00	7.93				
40	**- 3	1	1921.00	4.56	1.00	64.57	60.0	
		2 95'	1933.00	4.55				
		3	1938.00	4.54				
41	**- 4	1	2892.00	3.72	1.00	66.17	63.0	
		2 108'	2897.00	3.72				
		3	2902.00	3.71				
42	**- 5	1	4.00	100.0	1.00	67.83	78.0	
		2	7.00	75.59				
		3	12.00	57.74				
43	**- 6	1 } 1C	11.00	60.30	1.00	69.52	78.0	
		2	16.00	50.00				
		3	25.00	40.00				
44	**- 7	1	10.00	63.25	1.00	71.23	87.0	
		2	20.00	44.72				
		3	21.00	43.64				
45	**- 8	1	9.00	66.67	1.00	72.94	81.0	
		2	16.00	50.00				
		3	20.00	44.72				
46	**- 9	1 } 2C	3.00	115.5	1.00	74.64	80.0	
		2	12.00	57.74				
		3	13.00	55.47				
47	**-10	1	6.00	81.65	1.00	76.34	79.0	
		2	11.00	60.30				
		3	16.00	50.00				
48	**-11	1	2592.00	3.93	1.00	78.04	78.0	
		2	2595.00	3.93				
		3 } 3C	2600.00	3.92				

SAM	POS	CH	CPM	2SIG%	TIME	EL TIME	AVG H#	ERR
49	**-12	1	2606.00	3.92	1.00	79.75	80.0	
		2	2616.00	3.91				
		3	2618.00	3.91				
50	**-13	1	2629.00	3.90	1.00	81.46	81.0	
		2	2639.00	3.89				
		3	2644.00	3.89				
51	**-14	1	9133.00	2.09	1.00	83.12	80.0	
		2	9140.00	2.09				
		3	9141.00	2.09				
52	**-15	1	9358.00	2.07	1.00	84.82	81.0	
		2	9367.00	2.07				
		3	9369.00	2.07				
53	**-16	1	7615.00	2.29	1.00	86.52	81.0	
		2	7622.00	2.29				
		3	7623.00	2.29				
54	**-17	1	9264.00	2.08	1.00	88.23	80.0	
		2	9271.00	2.08				
		3	9271.00	2.08				
55	**-18	1	10904.21	1.97	0.95	89.88	81.0	
		2	10914.74	1.96				
		3	10915.79	1.96				
56	**- 1	1	8139.00	2.22	1.00	91.64	78.0	
		2	8146.00	2.22				
		3	8149.00	2.22				
57	**- 2	1	9.00	66.67	1.00	93.33	80.0	
		2	14.00	53.45				
		3	14.00	53.45				
58	**- 3	1	7.00	75.59	1.00	94.98	80.0	
		2	16.00	50.00				
		3	18.00	47.14				
59	**- 4	1	7.00	75.59	1.00	96.68	78.0	
		2	12.00	57.74				
		3	14.00	53.45				
60	**- 5	1	10.00	63.25	1.00	98.38	81.0	
		2	19.00	45.88				
		3	22.00	42.64				
61	**- 6	1	16.00	50.00	1.00	100.04	79.0	
		2	23.00	41.70				
		3	28.00	37.80				
62	**- 7	1	14.00	53.45	1.00	101.73	79.0	
		2	20.00	44.72				
		3	22.00	42.64				
63	**- 8	1	1929.00	4.55	1.00	103.39	79.0	
		2	1934.00	4.55				
		3	1935.00	4.55				
64	**- 9	1	2021.00	4.45	1.00	105.04	78.0	
		2	2033.00	4.44				
		3	2037.00	4.43				
65	**-10	1	1742.00	4.79	1.00	106.69	79.0	
		2	1754.00	4.78				
		3	1759.00	4.77				

MEMB

Calculate

$\frac{PCI}{Cell}$

SAM	POS	CH	CPM	2SIG%	TIME	EL TIME	AVG H#	ERR
65	**	-11	1	7338.00	2.33	1.00	108.39	79.0
			2	7342.00	2.33			
			3	7342.00	2.33			
67	**	-12	1	7110.00	2.37	1.00	110.10	80.0
			2	7115.00	2.37			
			3	7118.00	2.37			
68	**	-13	1	7254.00	2.35	1.00	111.81	81.0
			2	7262.00	2.35			
			3	7268.00	2.35			
69	**	-14	1	13562.67	1.98	0.75	113.25	82.0
			2	13570.67	1.98			
			3	13577.33	1.98			
70	**	-15	1	13733.33	1.97	0.75	114.70	80.0
			2	13742.67	1.97			
			3	13746.67	1.97			
71	**	-16	1	13033.75	1.96	0.80	116.19	81.0
			2	13045.00	1.96			
			3	13051.25	1.96			
74	**	-1	1	5.00	89.44	1.00	117.96	74.0
			2	12.00	57.74			
			3	15.00	51.64			
75	**	-2	1	11.00	60.30	1.00	119.67	91.0
			2	15.00	51.64			
			3	20.00	44.72			
76	**	-3	1	9.00	66.67	1.00	121.38	82.0
			2	12.00	57.74			
			3	15.00	51.64			
77	**	-4	1	13.00	55.47	1.00	123.08	69.0
			2	15.00	51.64			
			3	18.00	47.14			
78	**	-5	1	18.00	47.14	1.00	124.74	87.0
			2	27.00	38.49			
			3	34.00	34.30			
79	**	-6	1	239.00	12.94	1.00	126.44	79.0
			2	245.00	12.78			
			3	253.00	12.57			
80	**	-7	1	37.00	32.88	1.00	128.14	82.0
			2	49.00	28.57			
			3	55.00	26.97			
81	**	-8	1	10.00	63.25	1.00	129.85	75.0
			2	21.00	43.64			
			3	25.00	40.00			
82	**	-9	1	12.00	57.74	1.00	131.51	65.0
			2	16.00	50.00			
			3	20.00	44.72			

Mon. 22 Jul. 1996. 15:03

8.3  
6 >  
7-7  
13-3

cell /  $\mu\text{m}^2$   
(~~100 /  $\mu\text{m}^2$~~ )

		36948	Bo / $\mu\text{m}^2$	
1.	923-7	<del>66.7 <math>\mu\text{m}^2</math> / <math>\mu\text{m}^2</math></del>	<del><math>1.805 \times 10^{-3}</math></del>	<del>(66.7 <math>\mu\text{m}^2</math>)</del>
2	637-7	25508	<del><math>8.74 \times 10^{-3}</math></del>	<del>653.9</del>
3	581	23240	66-71	$2.870 \times 10^{-3}$
4	666.7	26668	222-936	$8.360 \times 10^{-3}$
5	657.3	26292	241-749	$9.195 \times 10^{-3}$
6	628	27120		
7	643.3	25732		
8	517	20680	48-379	$2.239 \times 10^{-3}$
9	632	25308	185-218	$7.318 \times 10^{-3}$
10.	572	22920	<del>223.87</del>	<del><math>9.767 \times 10^{-3}</math></del>
			344.413	$15.027 \times 10^{-3}$

Exp. 7.

USER:10 ID:HIGH ENERGY PRESET TIME: 1.00 TUE 16 JUL 1996 11:24  
 SAMPLE REPEAT: 1 CYCLE REPEAT: 1 SCR:N RS232:N  
 H#: 1 AQC:N QCF:N RCM:N 2 PHASE MONITOR:N  
 CHANNEL 1-LL: 0 UL: 400 2SIGMA: 2.00 BKG SUB: 0.00 BKG 2SIG: 0.00 LSR: 0  
 CHANNEL 2-LL: 0 UL: 670 2SIGMA: 2.00 BKG SUB: 0.00 BKG 2SIG: 0.00 LSR: 0  
 CHANNEL 3-LL: 0 UL:1000 2SIGMA: 2.00 BKG SUB: 0.00 BKG 2SIG: 0.00 LSR: 0  
 DATA CALC: CPM, UNKNOWN REPLICATES: 1 NORM FACTOR:Q 1.00000  
 HALF LIFE(DAYS):N

SAM	CPM1	CPM2	CPM3	TIME	AVG H#	ERR
1 <i>Blank</i>	61.00	73.00	84.00	1.00	24.0	
2 <i>1w</i>	10.00	23.00	35.00	1.00	42.0	
3 <i>2w</i>	31.00	44.00	50.00	1.00	49.0	
4 <i>3w</i>	40.00	51.00	61.00	1.00	41.0	
5 <i>4w</i>	53.00	68.00	74.00	1.00	66.0	
6 <i>5w</i>	257.00	265.00	275.00	1.00	45.0	
7 <i>6w</i>	244.00	252.00	259.00	1.00	52.0	
8 <i>7w</i>	921.00	933.00	945.00	1.00	65.0	
9 <i>8w</i>	24.00	35.00	45.00	1.00	54.0	
10	1690.00	1704.00	1708.00	1.00	49.0	
11 } <i>1s</i>	19.00	27.00	34.00	1.00	48.0	
12 }	15.00	23.00	28.00	1.00	48.0	
13 }	16.00	24.00	29.00	1.00	47.0	
14 } <i>2s</i>	97.00	104.00	108.00	1.00	46.0	
15 }	16.00	20.00	25.00	1.00	48.0	
16 }	823.00	834.00	838.00	1.00	49.0	
17 } <i>3s</i>	880.00	893.00	896.00	1.00	48.0	
18 }	847.00	857.00	862.00	1.00	48.0	
19 }	2814.00	2828.00	2834.00	1.00	47.0	
20 } <i>4s</i>	3000.00	3013.00	3020.00	1.00	48.0	
21 }	2858.00	2873.00	2876.00	1.00	48.0	
22 }	4807.00	4817.00	4821.00	1.00	51.0	
23 } <i>5s</i>	4786.00	4795.00	4800.00	1.00	49.0	
24 }	4560.00	4568.00	4575.00	1.00	49.0	
25 }	16.00	26.00	28.00	1.00	49.0	
26 } <i>6s</i>	13.00	24.00	28.00	1.00	48.0	
27 }	13.00	24.00	29.00	1.00	50.0	
28 }	9.00	12.00	16.00	1.00	49.0	
29 } <i>7s</i>	29.00	32.00	35.00	1.00	49.0	
30 }	34.00	44.00	50.00	1.00	48.0	
31 }	1008.00	1016.00	1023.00	1.00	48.0	
32 } <i>8s</i>	902.00	917.00	920.00	1.00	47.0	
33 }	858.00	866.00	868.00	1.00	49.0	
34 }	2897.00	2905.00	2912.00	1.00	47.0	
35 } <i>9s</i>	2878.00	2900.00	2904.00	1.00	47.0	
36 }	2672.00	2680.00	2686.00	1.00	48.0	
37 }	4933.00	4947.00	4955.00	1.00	48.0	
38 } <i>10s</i>	4676.00	4687.00	4688.00	1.00	47.0	
39 }	4499.00	4509.00	4516.00	1.00	50.0	
40 <i>15</i>	35.00	42.00	46.00	1.00	49.0	
41 <i>25</i>	5.00	14.00	18.00	1.00	49.0	
42 <i>35</i>	628.00	643.00	646.00	1.00	50.0	
43 <i>45</i>	1841.00	1857.00	1861.00	1.00	48.0	
44 <i>55</i>	2583.00	2592.00	2596.00	1.00	50.0	

SAM	CPM1	CPM2	CPM3	TIME	AVG H#	ERR
45	65 16.00	25.00	30.00	1.00	50.0	
46	75 19.00	32.00	38.00	1.00	51.0	
47	85 646.00	655.00	661.00	1.00	51.0	
48	85 1982.00	1987.00	1990.00	1.00	50.0	
49	105 3118.00	3132.00	3137.00	1.00	51.0	
50	1W 16.00	19.00	29.00	1.00	49.0	
51	2W 16.00	21.00	29.00	1.00	39.0	
52	3W 200.00	1013.00	1025.00	1.00	39.0	
53	4W 11.00	28.00	36.00	1.00	69.0	
54	5W 1841.00	1886.00	1895.00	1.00	38.0	
55	6W 58.00	67.00	75.00	1.00	46.0	
56	7W 14.00	21.00	37.00	1.00	52.0	
57	8W 34.00	46.00	55.00	1.00	51.0	
58	9W 19.00	30.00	40.00	1.00	50.0	



worksheep7

Exp. 7						
TUBE	cells/ml/400	2	3	means	cells/100ul	
1	896	916	959	923.7	36948	
2	622	648	643	637.7	25508	
3	579	559	605	581	23240	
4	692	639	669	666.7	26668	
5	661	652	659	657.3	26292	
6	686	644	704	678	27120	
7	639	649	642	643.3	25732	
8	510	545	496	517	20680	
9	660	614	624	632.7	25308	
10	599	600	520	573	22920	
flask	colony1	colony2	coloy3	AVG.colony	SF.	
1.2	40	58	44	45.15 (47.3	1	
2.2	40	44	45	45.15 (43 )	1	
3.4	197	209	197	201	0.0445	
4.4	30	29	40	33	0.0073	
5.4	34	30	29	31	0.006866	
6.4	46	58	49	50.35 (51 )		
7.4	46	57	46	50.35 (49.7 )		
8.4	114	107	122	114.3	0.0227	
9.4	32	32	29	31	0.006157	
10.4	19	14	16	16.3	0.003241	
medium(	sample1	sample2	sample3			
1S	6	7	11			
2S	3	8	10			
3S	838	797	846			
4S	2810	2907	2682			
5S	4800	4694	4522			
6S	8	8	8			
7S	10	8	10			
8S	950	947	926			
9S	2792	2743	2751			
10S	4554	4750	4766			
cell( 20 u	sample					
1S'	12					
2S'	12					
3S'	674					
4S'	1838					
5S'	2714					
6S'	6					
7S'	10					
8S'	621					

130

worksheep7

9S'	1921					
10S'	2892					
cell (100 <sup>ul</sup> )	sample1	sample2	sample3	sample avg.	Bq/100ul	mBq/cell
1C	4	11	10	7.5 ( 8.3 )		
2C	9	3	6	7.5 ( 6.7 )		
3C	2592	2606	2629	2609	66.71	2.87
4C	9133	9358	7615	8702	222.936	8.36
5C	9264	10904	8139	9435.7	241.749	9.195
6C	9	7	7	10.5 ( 7.7 )		
7C	10	16	14	10.5 ( 13.3 )		
8C	1929	2021	1742	1897.3	48.379	2.339
9C	7338	7110	7254	7234	185.218	7.318
10C	13562	13733	13033	13442.6	344.413	15.027

worksheep7

9S'	1921				
10S'	2892				
cell (100 ul )	CPM1	CPM2	CPM3	CPM (mean)	
1C	4	11	10	7.5 ( 8.3 )	
2C	9	3	6	7.5 ( 6.7 )	Bq/100ul
3C	2592	2606	2629	2609	66.71
4C	9133	9358	7615	8702	222.936
5C	9264	10904	8139	9435.7	241.749
6C	9	7	7	10.5 ( 7.7 )	
7C	10	16	14	10.5 ( 13.3 )	
8C	1929	2021	1742	1897.3	48.379
9C	7338	7110	7254	7234	185.218
10C	13562	13733	13033	13442.6	344.413

0.2 ml.  
0.4  
0.8

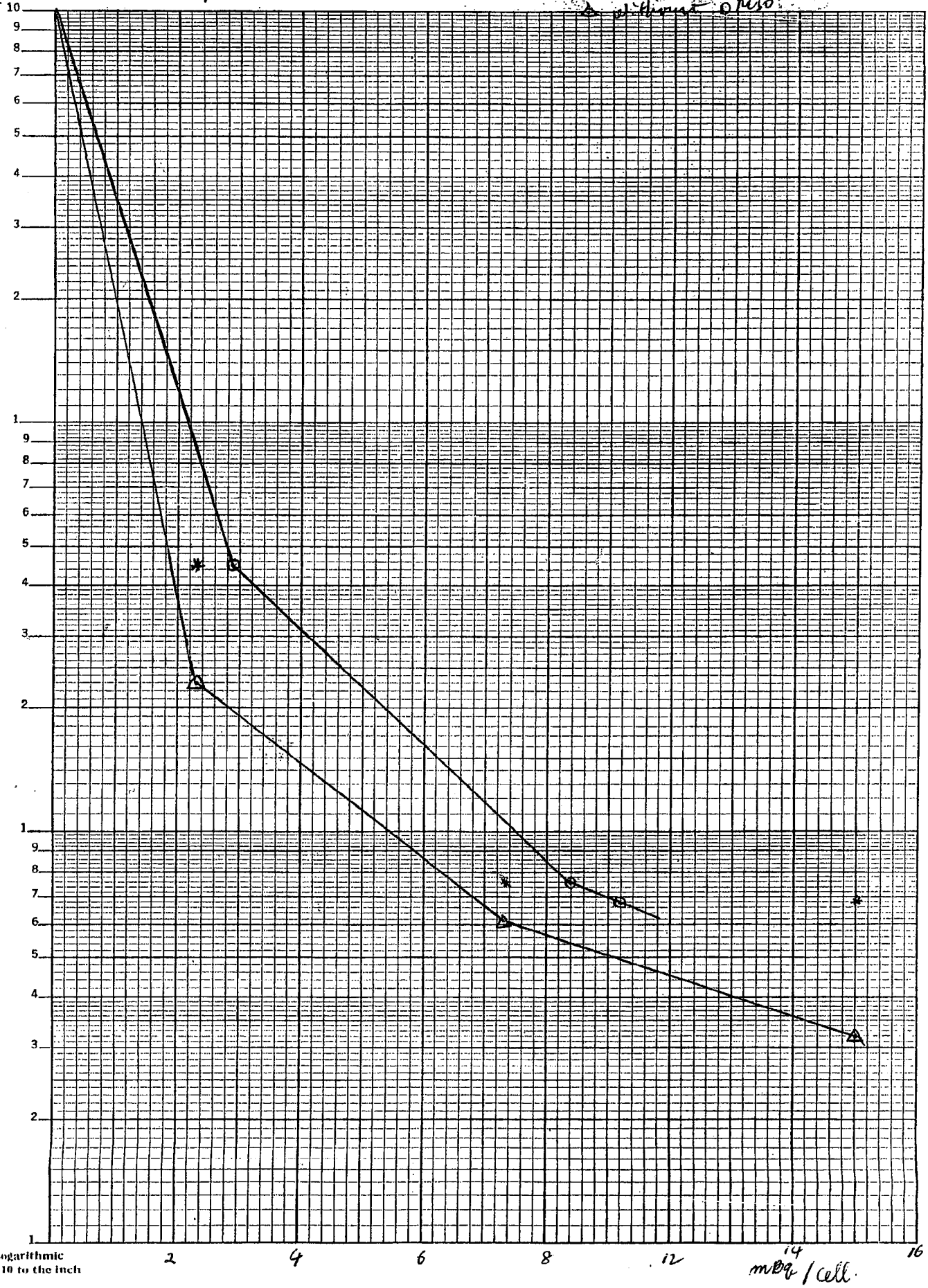
	Before (100ul)	After (100ul)	
3	3370	2609	0.77
4	9190	8702	0.95
5	13570	9436	0.70
8	3105	1897	0.61 #
9	9605	7234	0.75
10	14460	13443	0.92

Exp. 7.  $^3\text{H}^3\text{TdR}$

○ with 5% DMSO  
△ without DMSO

NATIONAL  
12-183  
MADE IN U.S.A.

Survival Fraction



Semi-Logarithmic  
3 Cycles x 10 to the inch

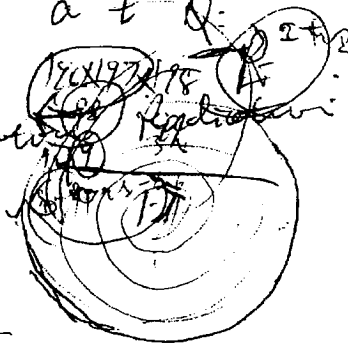
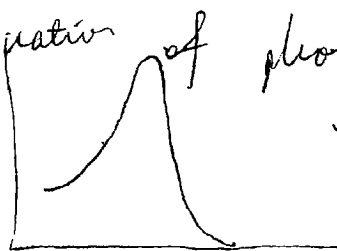
14  
mR/cell.

Dr. Rao:  $\omega \rightarrow \omega'$

Please call back at 2:

attenuation

of photons



400,000  
2302200 > 2mil 5700

DMSO (2ul H<sup>3</sup>TdR) Exp. 7.

PAGE: 1

USER: 1 ID:WIPE PRESET TIME: 1.00 MON 29 JUL 1996 10:40  
 SAMPLE REPEAT: 1 CYCLE REPEAT: 1 SCR:N RS232:N  
 H#: 1 AQC:N QCF:N RCM:N  
 CHANNEL 1-LL: 0 UL: 400 2SIGMA: 2.00 BKG SUB: 0.00 BKG 2SIG: 0.00 LSR: 0  
 CHANNEL 2-LL: 0 UL: 670 2SIGMA: 2.00 BKG SUB: 0.00 BKG 2SIG: 0.00 LSR: 0  
 CHANNEL 3-LL: 0 UL: 1000 2SIGMA: 2.00 BKG SUB: 0.00 BKG 2SIG: 0.00 LSR: 0  
 DATA CALC: CPM, UNKNOWN REPLICATES: 1 NORM FACTOR: 0 1.00000  
 HALF LIFE(DAYS):N

SAM	POS	CH	CPM	2SIG%	TIME	EL TIME	AVG H#	ERR
			35.00	33.81	1.00	1.45	79.0	
1	**	-18	1	35.00	33.81	1.00	3.13	72.0
			2	53.00	27.47	66.67		
			3	51.00	41.00	31.23		
			3	62.00	25.40			
3	**	-2	1	12.00	57.74	1.00	4.73	69.0
			2	56.00	26.73			
			3	84.00	21.82			
4	**	-3	1	16.00	50.00	1.00	6.34	70.0
			2	46.00	29.49			
			3	75.00	23.09			
5	**	-4	1	11.00	60.30	1.00	7.94	69.0
			2	53.00	27.47			
			3	85.00	21.69			
6	**	-5	1	21.00	43.64	1.00	9.55	67.0
			2	57.00	26.49			
			3	75.00	23.09			
7	**	-6	1	19.00	45.88	1.00	11.15	70.0
			2	52.00	27.74			
			3	85.00	21.69			
8	**	-7	1	764.00	7.24	1.00	12.81	70.0
			2	804.00	7.05			
			3	837.00	6.91			
							14.41	69.0

9 **	8	1	733.00	7.38				
		2	769.00	7.21				
		3	798.00	7.08				
10 **	9	1	796.00	7.09	1.00	16.01	70.0	
		2	830.00	6.94				
		3	862.00	6.81				
11 **	10	1	2619.00	3.91	1.00	17.62	71.0	
		2	2639.00	3.89				
		3	2662.00	3.88				
12 **	11	1	2560.00	3.95	1.00	19.22	70.0	
		2	2597.00	3.92				
		3	2617.00	3.91				
13 **	12	1	2432.00	4.06	1.00	20.83	68.0	
		2	2468.00	4.03				
		3	2499.00	4.00				
14 **	13	1	4505.00	2.98	1.00	22.49	69.0	
		2	4544.00	2.97				
		3	4575.00	2.96				

PAGE 3

SAM	FOS	CH	CPM	2SIG%	TIME	EL TIME	AVG H#	EF
15 **	14	1	4451.00	3.00	1.00	24.09	71.0	
		2	4482.00	2.99				
		3	4511.00	2.98				
16 **	15	1	4307.00	3.05	1.00	25.71	70.0	
		2	4341.00	3.04				
		3	4368.00	3.03				
17 **	16	1	15.00	51.64	1.00	27.32	70.0	
		2	46.00	29.49				
		3	74.00	23.25				
18 **	17	1	9.00	66.67	1.00	28.92	69.0	
		2	46.00	29.49				
		3	65.00	24.81				
19 **	18	1	13.00	55.47	1.00	30.58	71.0	
		2	51.00	28.01				
		3	86.00	21.57				
20 **	1	1	15.00	51.64	1.00	32.23	69.0	
		2	53.00	27.47				
		3	80.00	22.36				
21 **	2	1	10.00	63.25	1.00	33.84	67.0	
		2	48.00	28.87				
		3	73.00	23.41				
22 **	3	1	14.00	53.45	1.00	35.45	69.0	
		2	58.00	26.26				
		3	85.00	21.69				
23 **	4	1	842.00	6.89	1.00	37.05	69.0	
		2	875.00	6.76				
		3	909.00	6.63				
24 **	5	1	878.00	6.75	1.00	38.66	69.0	
		2	911.00	6.63				
		3	947.00	6.50				
25 **	6	1	825.00	6.96	1.00	40.31	70.0	
		2	863.00	6.81				
		3	885.00	6.72				
26 **	7	1	2649.00	3.89	1.00	41.95	68.0	



	2		2687.00	3.86			
	3		2711.00	3.84			
27 **- 8	1		2613.00	3.91	1.00	43.55	68.0
	2		2639.00	3.89			
	3		2670.00	3.87			
28 **- 9	1	95	2631.00	3.90	1.00	45.16	66.0
	2		2662.00	3.88			
	3		2706.00	3.84			
29 **-10	1		4365.00	3.03	1.00	46.82	68.0
	2		4406.00	3.01			
	3		4430.00	3.00			
30 **-11	1		4618.00	2.94	1.00	48.42	68.0
	2	105	4653.00	2.93			
	3		4677.00	2.92			
31 **-12	1		4453.00	3.00	1.00	50.02	67.0
	2		4480.00	2.99			
	3		4506.00	2.98			

PAGE:

SAM	POS	CH	CPM	2SIG%	TIME	EL TIME	AVG H#
32 **-13	1		12.00	57.74	1.00	51.63	70.0
	2	15	50.00	28.28			
	3		82.00	22.09			
33 **-14	1		17.00	48.51	1.00	53.30	71.0
	2	25	55.00	26.97			
	3		75.00	23.09			
34 **-15	1		584.00	8.28	1.00	54.90	69.0
	2	35	621.00	8.03			
	3		650.00	7.84			
35 **-16	1		1793.00	4.72	1.00	56.56	71.0
	2	45	1824.00	4.68			
	3		1859.00	4.64			
36 **-17	1		2600.00	3.92	1.00	58.16	72.0
	2	55	2628.00	3.90			
	3		2661.00	3.88			
37 **-18	1		10.00	63.25	1.00	59.77	72.0
	2	65	44.00	30.15			
	3		70.00	23.90			
38 **- 1	1		16.00	50.00	1.00	61.47	72.0
	2	75	50.00	28.28			
	3		81.00	22.22			
39 **- 2	1		557.00	8.47	1.00	63.07	72.0
	2	85	599.00	8.17			
	3		626.00	7.99			
40 **- 3	1		1758.00	4.77	1.00	64.72	72.0
	2	95	1794.00	4.72			
	3		1806.00	4.71			
41 **- 4	1		2787.00	3.79	1.00	66.32	73.0
	2	105	2811.00	3.77			
	3		2837.00	3.75			
42 **- 5	1		16.00	50.00	1.00	67.92	95.0
	2		53.00	27.47			
	3		76.00	22.94			
43 **- 6	1		15.00	51.64	1.00	69.58	95.0

B014075

		2	10	53.00	27.47			
		3		78.00	22.65			
44	**	7		12.00	57.74	1.00	71.23	104.0
		2		60.00	25.82			
		3		85.00	21.69			
45	**	8		4.00	100.0	1.00	72.83	97.0
		2		49.00	28.57			
		3		75.00	23.09			
46	**	9	20	11.00	60.30	1.00	74.49	94.0
		2		44.00	30.15			
		3		74.00	23.25			
47	**	10		13.00	55.47	1.00	76.14	95.0
		2		47.00	29.17			
		3		70.00	23.90			
48	**	11		2111.00	4.35	1.00	77.78	95.0
		2	30	2153.00	4.31			
		3		2175.00	4.29			

PAGE:

SAM	PDS	CH	CPM	2SIGZ	TIME	EL TIME	AVG H#
49	**	12		2271.00	4.20	1.00	79.38 95.0
		2		2310.00	4.16		
		3		2333.00	4.14		
50	**	13	30	2202.00	4.26	1.00	81.00 97.0
		2		2247.00	4.22		
		3		2271.00	4.20		
51	**	14		7984.00	2.24	1.00	82.66 96.0
		2		8012.00	2.23		
		3		8039.00	2.23		
52	**	15	40	8167.00	2.21	1.00	84.27 95.0
		2		8203.00	2.21		
		3		8231.00	2.20		
53	**	16		6417.00	2.50	1.00	85.87 95.0
		2		6451.00	2.49		
		3		6473.00	2.49		
54	**	17		7906.00	2.25	1.00	87.48 95.0
		2		7936.00	2.25		
		3		7963.00	2.24		
55	**	18	50	8897.00	2.12	1.00	89.08 96.0
		2		8931.00	2.12		
		3		8957.00	2.11		
56	**	1		6969.00	2.40	1.00	90.74 94.0
		2		7016.00	2.39		
		3		7045.00	2.38		
57	**	2		17.00	48.51	1.00	92.40 96.0
		2		56.00	26.73		
		3		80.00	22.36		
58	**	3		21.00	43.64	1.00	94.00 94.0
		2		53.00	27.47		
		3	80	84.00	21.82		
59	**	4		11.00	60.30	1.00	95.61 95.0
		2		41.00	31.23		
		3		74.00	23.25		
60	**	5		10.00	63.25	1.00	97.22 94.0
		2		47.00	30.04		

			72.00	30.88				
		3	69.00	24.08				
61 **-	6	1	16.00	50.00	1.00	98.83	94.0	
		2	59.00	26.04				
		3	78.00	22.65				
62 **-	7	1	10.00	63.25	1.00	100.48	95.0	
		2	40.00	31.62				
		3	58.00	26.26				
63 **-	8	1	1611.00	4.98	1.00	102.08	92.0	
		2	1650.00	4.92				
		3	1670.00	4.89				
64 **-	9	1	1595.00	5.01	1.00	103.69	94.0	
		2	1639.00	4.94				
		3	1664.00	4.90				
65 **-	10	1	1586.00	5.02	1.00	105.35	95.0	
		2	1618.00	4.97				
		3	1638.00	4.94				

PAGE:

SAM	PGS	CH	CPM	2SIGX	TIME	EL TIME	AVG H#	E
66 **-	11	1	5902.00	2.60	1.00	107.00	94.0	
		2	5944.00	2.59				
		3	5970.00	2.59				
67 **-	12	1	6003.00	2.58	1.00	108.61	94.0	
		2	6040.00	2.57				
		3	6065.00	2.57				
68 **-	13	1	6093.00	2.56	1.00	110.22	95.0	
		2	6134.00	2.55				
		3	6150.00	2.55				
69 **-	14	1	11264.44	1.99	0.90	111.72	97.0	
		2	11303.33	1.98				
		3	11320.00	1.98				
70 **-	15	1	11638.86	1.98	0.88	113.24	96.0	
		2	11681.14	1.98				
		3	11708.57	1.98				
71 **-	16	1	10746.67	1.95	0.97	114.88	95.0	
		2	10786.67	1.95				
		3	10811.28	1.95				