

Exp 4. 6 ul H³TdR

USER: 1 ID:WIPE PRESET TIME: 1.00 WED 29 MAY 1996 13:22
 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
1	29-18	1	20.00	44.72	1.00	1.46	96.0	
		2	31.00	35.92				
		3	38.00	32.44				
2	**- 1	1	529.00	8.70	1.00	3.16	157.0	
		2	534.00	8.65				
		3	536.00	8.64				
3	**- 2	1	574.00	8.35	1.00	4.92	150.0	
		2	583.00	8.28				
		3	584.00	8.28				
4	**- 3	1	564.00	8.42	1.00	6.62	153.0	
		2	568.00	8.39				
		3	569.00	8.38				
5	**- 4	1	502.00	8.93	1.00	8.43	146.0	
		2	515.00	8.81				
		3	517.00	8.80				
6	**- 5	1	593.00	8.21	1.00	10.38	151.0	
		2	602.00	8.15				
		3	603.00	8.14				
7	**- 6	1	595.00	8.20	1.00	12.13	143.0	
		2	609.00	8.10				
		3	614.00	8.07				
8	**- 7	1	492.00	9.02	1.00	13.83	158.0	
		2	499.00	8.95				
		3	499.00	8.95				
9	**- 8	1	529.00	8.70	1.00	15.73	158.0	
		2	534.00	8.65				
		3	534.00	8.65				
10	**- 9	1	531.00	8.68	1.00	17.53	164.0	
		2	537.00	8.63				
		3	539.00	8.61				
11	**- 10	1	524.00	8.74	1.00	19.18	160.0	
		2	535.00	8.65				
		3	538.00	8.62				
20	28- 1	1	671.00	7.72	1.00	21.00	133.0	
		2	676.00	7.69				
		3	680.00	7.67				
21	28- 2	1	667.00	7.74	1.00	22.96	135.0	
		2	673.00	7.71				
		3	675.00	7.70				
22	28- 3	1	662.00	7.77	1.00	24.76	133.0	
		2	666.00	7.75				
		3	670.00	7.73				

~~2305~~

4.

SAM	POS	CH	CFM	2SIGZ	TIME	EL TIME	AVG H#	ERR
23	28- 4	1	710.00	7.51	1.00	26.62	132.0	
		2	716.00	7.47				
25		3	718.00	7.46				
24	28- 5	1	710.00	7.51	1.00	28.61	133.0	
		2	717.00	7.47				
25		3	720.00	7.45				
25	28- 6	1	677.00	7.69	1.00	30.62	134.0	
		2	683.00	7.65				
25		3	688.00	7.62				
26	28- 7	1	1369.00	5.41	1.00	32.38	134.0	
		2	1374.00	5.40				
35		3	1378.00	5.39				
27	28- 8	1	1306.00	5.53	1.00	34.12	134.0	
		2	1318.00	5.51				
35		3	1321.00	5.50				
28	28- 9	1	1341.00	5.46	1.00	35.87	132.0	
		2	1352.00	5.44				
35		3	1354.00	5.44				
29	28-10	1	996.00	6.34	1.00	37.68	132.0	
		2	1001.00	6.32				
45		3	1003.00	6.32				
30	28-11	1	2990.00	3.66	1.00	39.39	135.0	
		2	3001.00	3.65				
45		3	3004.00	3.65				
31	28-12	1	3223.00	3.52	1.00	41.20	133.0	
		2	3234.00	3.52				
45		3	3236.00	3.52				
32	28-13	1	4494.00	2.98	1.00	42.91	134.0	
		2	4497.00	2.98				
55		3	4500.00	2.98				
33	28-14	1	4715.00	2.91	1.00	44.56	132.0	
		2	4729.00	2.91				
55		3	4733.00	2.91				
34	28-15	1	5052.00	2.81	1.00	46.41	133.0	
		2	5063.00	2.81				
55		3	5067.00	2.81				
35	28-16	1	708.00	7.52	1.00	48.06	133.0	
		2	714.00	7.48				
65		3	717.00	7.47				
36	28-17	1	688.00	7.62	1.00	49.87	133.0	
		2	695.00	7.59				
65		3	697.00	7.58				
37	28-18	1	689.00	7.62	1.00	51.52	131.0	
		2	693.00	7.60				
65		3	696.00	7.58				
38	28- 1	1	681.00	7.66	1.00	53.47	135.0	
		2	686.00	7.64				
75		3	690.00	7.61				
39	28- 2	1	682.00	7.66	1.00	55.12	131.0	
		2	687.00	7.63				
75		3	691.00	7.61				

240

4

SAM	POS	CH	CPM	2SIG%	TIME	EL TIME	AVG H#	ERR
7s	28-3	1	727.00	7.42	1.00	56.81	134.0	
		2	734.00	7.38				
		3	735.00	7.38				
8s	28-4	1	1325.00	5.47	1.00	58.47	133.0	
		2	1338.00	5.47				
		3	1340.00	5.46				
8s	28-5	1	1408.00	5.33	1.00	60.17	131.0	
		2	1415.00	5.32				
		3	1419.00	5.31				
8s	28-6	1	1334.00	5.48	1.00	62.67	132.0	
		2	1337.00	5.47				
		3	1340.00	5.46				
9s	28-7	1	2937.00	3.69	1.00	64.32	132.0	
		2	2941.00	3.69				
		3	2944.00	3.69				
9s	28-8	1	3038.00	3.63	1.00	66.00	134.0	
		2	3045.00	3.62				
		3	3048.00	3.62				
9s	28-9	1	3043.00	3.63	1.00	67.87	132.0	
		2	3050.00	3.62				
		3	3055.00	3.62				
10s	28-10	1	4540.00	2.97	1.00	69.52	132.0	
		2	4548.00	2.97				
		3	4552.00	2.96				
10s	28-11	1	4614.00	2.94	1.00	71.42	130.0	
		2	4616.00	2.94				
		3	4618.00	2.94				
10s	28-12	1	4196.00	3.09	1.00	73.06	132.0	
		2	4202.00	3.09				
		3	4208.00	3.08				

50

4.

USER: 1 ID:WIPE PRESET TIME: 1.00 THU 30 MAY 1996 17:40
 SAMPLE REPEAT: 1 CYCLE REPEAT: 1 SCR:N RS232:N
 H#: 1 AGC: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:Q 1.00000
 HALF LIFE(DAYS):N

SAM	POS	CH	CPM	2SIG%	TIME	EL TIME	AVG H#	ERR
1	**	-18	1	13.00	55.47	1.00	1.40	98.0
			2	22.00	42.64			
			3	29.00	37.14			
2	**	- 1	1	525.00	8.73	1.00	3.11	163.0
			2	533.00	8.66			
			3	538.00	8.62			
3	**	- 2	1	535.00	8.65	1.00	4.75	161.0
			2	542.00	8.59			
			3	543.00	8.58			
4	**	- 3	1	543.00	8.58	1.00	6.40	154.0
			2	547.00	8.55			
			3	548.00	8.54			
5	**	- 4	1	478.00	9.15	1.00	8.05	148.0
			2	485.00	9.08			
			3	489.00	9.04			
6	**	- 5	1	546.00	8.56	1.00	9.75	155.0
			2	554.00	8.50			
			3	555.00	8.49			
**	-	6	1	611.00	8.09	1.00	11.40	142.0
			2	617.00	8.05			
			3	621.00	8.03			
8	**	- 7	1	523.00	8.75	1.00	13.10	156.0
			2	526.00	8.72			
			3	533.00	8.66			
9	**	- 8	1	532.00	8.67	1.00	14.76	167.0
			2	537.00	8.63			
			3	539.00	8.61			
10	**	- 9	1	502.00	8.93	1.00	16.41	171.0
			2	510.00	8.86			
			3	511.00	8.85			
11	**	-10	1	513.00	8.83	1.00	18.06	166.0
			2	522.00	8.75			
			3	523.00	8.75			
12	**	-11	1	580.00	8.30	1.00	19.76	146.0
			2	584.00	8.28			
			3	587.00	8.25			
13	**	-12	1	478.00	9.15	1.00	21.42	170.0
			2	483.00	9.10			
			3	488.00	9.05			
14	**	-13	1	515.00	8.81	1.00	23.07	166.0
			2	525.00	8.73			
			3	529.00	8.70			

<60>

SAM	POS	CH	CPM	ZSIGZ	TIME	EL TIME	AVG H#	ERR
15	**	-14	1	435.00	9.59	1.00	24.72	178.0
			2	447.00	9.46			
			3	450.00	9.43			
15	**	-15	1	518.00	8.79	1.00	26.37	163.0
			2	521.00	8.76			
			3	524.00	8.74			
17	**	-16	1	528.00	8.70	1.00	28.02	151.0
			2	531.00	8.68			
			3	533.00	8.66			
18	**	-17	1	514.00	8.82	1.00	29.67	161.0
			2	521.00	8.76			
			3	524.00	8.74			
19	**	-18	1	556.00	8.48	1.00	31.32	156.0
			2	568.00	8.39			
			3	569.00	8.38			
20	**	-1	1	508.00	8.87	1.00	33.02	143.0
			2	520.00	8.77			
			3	522.00	8.75			
21	**	-2	1	544.00	8.57	1.00	34.67	147.0
			2	551.00	8.52			
			3	554.00	8.50			
22	**	-3	1	494.00	9.00	1.00	36.32	163.0
			2	500.00	8.94			
			3	502.00	8.93			
23	**	-4	1	554.00	8.50	1.00	38.01	151.0
			2	557.00	8.47			
			3	560.00	8.45			
**		-6	1	693.00	7.60	1.00	39.72	132.0
			2	700.00	7.56			
			3	704.00	7.54			
26	**	-7	1	709.00	7.51	1.00	41.37	133.0
			2	713.00	7.49			
			3	718.00	7.46			
27	**	-8	1	673.00	7.71	1.00	43.07	133.0
			2	681.00	7.66			
			3	682.00	7.66			
28	**	-9	1	681.00	7.66	1.00	44.78	133.0
			2	686.00	7.64			
			3	689.00	7.62			
29	**	-10	1	706.00	7.53	1.00	46.49	133.0
			2	717.00	7.47			
			3	721.00	7.45			
30	**	-11	1	688.00	7.62	1.00	48.20	134.0
			2	691.00	7.61			
			3	693.00	7.60			
31	**	-12	1	1464.00	5.23	1.00	49.89	132.0
			2	1469.00	5.22			
			3	1474.00	5.21			
32	**	-13	1	1534.00	5.11	1.00	51.55	132.0
			2	1545.00	5.09			
			3	1550.00	5.08			

<70>

4.

SAM	POS	CH	CPM	2S16%	TIME	EL TIME	AVG H#	ERR
33	**	-14	1	1539.00	5.10	1.00	53.20	132.0
			2	1548.00	5.08			
			3	1550.00	5.08			
			35					
	**	-15	1	3664.00	3.30	1.00	54.91	134.0
			2	3671.00	3.30			
			3	3672.00	3.30			
			35					
	**	-16	1	4094.00	3.13	1.00	56.62	132.0
			2	4103.00	3.12			
			3	4104.00	3.12			
			36					
	**	-17	1	1045.00	6.19	1.00	58.32	134.0
			2	1048.00	6.18			
			3	1052.00	6.17			
			37					
	**	-18	1	5432.00	2.71	1.00	60.04	135.0
			2	5438.00	2.71			
			3	5441.00	2.71			
			38					
	**	- 1	1	5598.00	2.67	1.00	61.80	132.0
			2	5606.00	2.67			
			3	5608.00	2.67			
			39					
	**	- 2	1	5914.00	2.60	1.00	63.46	133.0
			2	5920.00	2.60			
			3	5921.00	2.60			
			40					
	**	- 3	1	655.00	7.81	1.00	65.11	133.0
			2	665.00	7.76			
			3	665.00	7.76			
			41					
	**	- 4	1	652.00	7.83	1.00	66.77	134.0
			2	658.00	7.80			
			3	662.00	7.77			
			**					
	**	- 5	1	666.00	7.75	1.00	68.41	135.0
			2	679.00	7.68			
			3	680.00	7.67			
			43					
	**	- 6	1	653.00	7.83	1.00	70.10	133.0
			2	664.00	7.76			
			3	665.00	7.76			
			44					
	**	- 7	1	650.00	7.84	1.00	71.81	135.0
			2	662.00	7.77			
			3	663.00	7.77			
			45					
	**	- 8	1	683.00	7.65	1.00	73.52	136.0
			2	688.00	7.62			
			3	691.00	7.61			
			46					
	**	- 9	1	1484.00	5.19	1.00	75.18	134.0
			2	1491.00	5.18			
			3	1493.00	5.18			
			47					
	**	-10	1	1421.00	5.31	1.00	76.88	132.0
			2	1430.00	5.29			
			3	1433.00	5.28			
			48					
	**	-11	1	1440.00	5.27	1.00	78.53	132.0
			2	1448.00	5.26			
			3	1451.00	5.25			
			49					
	**	-12	1	3490.00	3.39	1.00	80.23	133.0
			2	3497.00	3.38			
			3	3499.00	3.38			

<8.0>

φ

SAM	POS	CH	CPM	ZSIG%	TIME	EL TIME	AVG H#	ERR
50	**-13	1	3523.00	3.37	1.00	81.94	135.0	
		2	3526.00	3.37				
		3	3526.00	3.37				
95 ●	**-14	1	3656.00	3.31	1.00	83.65	134.0	
		2	3659.00	3.31				
		3	3660.00	3.31				
95	52 **-15	1	5526.00	2.69	1.00	85.31	133.0	
		2	5533.00	2.69				
		3	5536.00	2.69				
105	53 **-16	1	5544.00	2.69	1.00	87.00	132.0	
		2	5553.00	2.68				
		3	5555.00	2.68				
105	54 **-17	1	5026.00	2.82	1.00	88.65	131.0	
		2	5033.00	2.82				
		3	5038.00	2.82				

(3)

<90>

~~10-1 549 617~~

1. 607 653 594

2. ~~460~~ 685 871 619 469 479 455

3. ~~575~~ 577 567 586

4. ~~243~~ 267 265

5. 292 281 271

6. 514 510 485

7. 583 592 625

8. 541 507 537

9. ~~505~~ 564 558 523

10. ~~564~~ ~~484~~ 505 519 522

1. 427 442 452

2. ~~240~~ 222 229

511 02

USER: 1 ID:WIPE PRESET TIME: 1.00 MON 03 JUN 1996 12:51
 SAMPLE REPEAT: 1 CYCLE REPEAT: 1 SCR:N RS232:N
 H#: 1 AGC: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: 1.00000
 HALF LIFE(DAYS):N

SAM	POS	CH	CPM	2SIG%	TIME	EL TIME	AVG H#	ERR
	1	**--18	1	17.00	48.51	1.00	1.41	97.0
			2	35.00	33.81			
			3	41.00	31.23			
11	2	**-- 1	1	8.00	70.71	1.00	3.22	107.0
			2	15.00	51.64			
			3	19.00	45.88			
12	3	**-- 2	1	10.00	63.25	1.00	4.92	94.0
			2	18.00	47.14			
			3	25.00	40.00			
13	4	**-- 3	1	8.00	70.71	1.00	6.58	107.0
			2	19.00	45.88			
			3	20.00	44.72			
14	5	**-- 4	1	5.00	89.44	1.00	8.28	100.0
			2	13.00	55.47			
			3	19.00	45.88			
15	6	**-- 5	1	13.00	55.47	1.00	9.98	101.0
			2	17.00	48.51			
			3	22.00	42.64			
16	7	**-- 6	1	51.00	28.01	1.00	11.74	93.0
			2	61.00	25.61			
			3	63.00	25.20			
17	8	**-- 7	1	18.00	47.14	1.00	13.39	93.0
			2	25.00	40.00			
			3	28.00	37.80			
18	9	**-- 8	1	9.00	66.67	1.00	15.08	90.0
			2	14.00	53.45			
			3	19.00	45.88			
19	10	**-- 9	1	17.00	48.51	1.00	16.79	87.0
			2	20.00	44.72			
			3	22.00	42.64			
20	11	**--10	1	6.00	81.65	1.00	18.64	127.0
			2	13.00	55.47			
			3	19.00	45.88			
21	12	**--11	1	14.00	53.45	1.00	20.33	92.0
			2	21.00	43.64			
			3	22.00	42.64			
1c	14	**--13	1	5.00	89.44	1.00	22.05	80.0
			2	14.00	53.45			
			3	18.00	47.14			
1d	15	**--14	1	8.00	70.71	1.00	23.75	81.0
			2	15.00	51.64			
			3	17.00	48.51			

< 12 0 >

SAM	FOS	CH	CPM	2SIG%	TIME	EL TIME	AVG H#	ERR
16	**	-15	1	11.00	60.30	1.00	25.46	82.0
			2	20.00	44.72			
			3	26.00	39.22			
17	**	-16	1	12.00	57.74	1.00	27.12	82.0
			2	20.00	44.72			
			3	22.00	42.64			
18	**	-17	1	11.00	60.30	1.00	28.82	83.0
			2	17.00	48.51			
			3	20.00	44.72			
19	**	-18	1	8.00	70.71	1.00	30.52	81.0
			2	13.00	55.47			
			3	19.00	45.88			
20	28-	1	1	207.00	13.90	1.00	32.22	81.0
			2	218.00	13.55			
			3	221.00	13.45			
21	28-	2	1	279.00	11.97	1.00	33.97	85.0
			2	287.00	11.81			
			3	288.00	11.79			
22	28-	3	1	273.00	12.10	1.00	35.67	82.0
			2	278.00	12.00			
			3	281.00	11.93			
23	28-	4	1	299.00	11.57	1.00	37.37	81.0
			2	311.00	11.34			
			3	312.00	11.32			
24	28-	5	1	402.00	9.98	1.00	39.08	81.0
			2	415.00	9.82			
			3	420.00	9.76			
25	28-	6	1	364.00	10.48	1.00	40.79	80.0
			2	374.00	10.34			
			3	375.00	10.33			
26	28-	7	1	572.00	8.36	1.00	42.45	82.0
			2	578.00	8.32			
			3	583.00	8.28			
27	28-	8	1	747.00	7.32	1.00	44.15	82.0
			2	754.00	7.28			
			3	758.00	7.26			
28	28-	9	1	650.00	7.84	1.00	45.86	82.0
			2	658.00	7.80			
			3	660.00	7.78			
29	28-	10	1	5.00	89.44	1.00	47.57	83.0
			2	11.00	60.30			
			3	12.00	57.74			
30	28-	11	1	13.00	55.47	1.00	49.27	84.0
			2	30.00	36.51			
			3	31.00	35.92			
31	28-	12	1	11.00	60.30	1.00	51.02	83.0
			2	24.00	40.82			
			3	28.00	37.80			
32	28-	13	1	16.00	50.00	1.00	52.71	82.0
			2	33.00	34.82			
			3	35.00	33.81			

< 130 >

SAM	POS	CH	CPM	2SIGZ	TIME	EL TIME	AVG H#	ERR
7c	33	28-14	1	16.00	50.00	1.00	54.40	82.0
			2	24.00	40.82			
			3	26.00	39.22			
7c	34	28-15	1	3.00	115.5	1.00	56.12	83.0
			2	9.00	66.67			
			3	15.00	51.64			
8c	35	28-16	1	773.00	7.19	1.00	57.82	84.0
			2	782.00	7.15			
			3	785.00	7.14			
8c	36	28-17	1	575.00	8.34	1.00	59.58	83.0
			2	580.00	8.30			
			3	584.00	8.28			
8c	37	28-18	1	824.00	6.97	1.00	61.28	82.0
			2	833.00	6.93			
			3	835.00	6.92			
9c	38	29- 1	1	7.00	75.59	1.00	63.03	79.0
			2	16.00	50.00			
			3	18.00	47.14			
9c	39	29- 2	1	12.00	57.74	1.00	64.68	70.0
			2	22.00	42.64			
			3	26.00	39.22			
9c	40	29- 3	1	10.00	43.25	1.00	66.32	77.0
			2	23.00	41.70			
			3	24.00	40.82			
10c	41	29- 4	1	1012.00	6.29	1.00	68.02	83.0
			2	1015.00	6.28			
			3	1022.00	6.26			
10c	42	29- 5	1	1344.00	5.46	1.00	69.73	84.0
			2	1351.00	5.44			
			3	1354.00	5.44			
10c	43	29- 6	1	1189.00	5.80	1.00	71.39	81.0
			2	1212.00	5.74			
			3	1219.00	5.73			

Bad

Good

v7

<14 0>