

## Radiological Survey Sheet

Job Location Pfizer Central Research Graduate Lab C 219 Page 1 of 16

Survey Purpose Radiological Survey Date 4/17/00

Performed By John Russell (Print) John Russell (Sign)

Inst.(1) (Model/SN) Beckman LS 6500 #7069448	Inst.(2) Ludlum Model 2241-2 (Model/SN) <del>13775</del> 116343 500	Inst.(3) (Model/SN)
Det. Internal (Model/SN)	Det. Ludlum 43-68 (Model/SN) 149613	Det. (Model/SN)
Eff. See LSC Printout	Eff. <del>100%</del> 100% Cu 8%	Eff.
Type rad. $\beta$	Type rad. $\beta$	Type rad.
Bkgd. See LSC Printout	Bkgd. 300cpm	Bkgd.
Cal. Due: 12/00	Cal. Due 02/01	Cal. due

No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )
1.	250	Door	1	See attached LSC Printout
2.		Floor	1	
3.		Phone	1	
4.		Floor	1	
5.		Shelf	1	
6.		Cabinet Top	1	
7.		Cabinet	1	
8.		Top Drawer	1	
9.		Draw Drawer	1	
10.		Draw Drawer	1	
11.		Draw Drawer	1	
12.		Counter	1	
13.		Floor	1	
14.		Drawer	1	
15.		Counter	1	
16.		Top Drawer	1	
17.		Drawer	1	
18.	✓	Drawer	1	

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )	Comments
19		Drawer	1		
20		Shelf	1		
21		Top Drawer	1		
22		Drawer	1		
23		Drawer	1		
24		Drawer	1		
(25)		Floor	1		
26		Wall	1		
27		<del>00</del> Cabinet Door	1		
28		Top Shelf	1		
29		Shelf	1		
30		Shelf	1		
31		Shelf	1		
32		Cabinet Door	1		
33		Top shelf	1		
34		shelf	1		
35		shelf	1		
36		shelf	1		
37		Desk Shelf	1		
38		Desk	1		
39		Floor	1		
40		Top Shelf	1		
41		shelf	1		
42		shelf	1		
43		Counter Top	1		
44		Cup Sink	1		
45		Top Drawer	1		
46	✓	Drawer	1		

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )	Comments
47		Drawer	1		
48		Top Drawer	1		
49		Drawer	1		
50		"	1		
51		"	1		
52		Top Shelf	1		
53		shelf	1		
54		"	1		
55		Top Cupboard	1		
56		Cupboard Counter Top	1		
57		Drawer	1		
58		Top Drawer	1		
59		Drawer	1		
60		Drawer	1		
61		Drawer	1		
62		Floor	1		
63		Counter	1		
64		Top Drawer	1		
65		Drawer	1		
66		"	1		
67		"	1		
68		CABINET END	1		
69		" "	1		
70		Counter Top	1		
71		Drawer	1		
72		Outer Cabinet	1		
73		Cabinet inner	1		
74	✓	Counter Top	1		

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )	Comments
75		FO-Drawer	1		
76		Top Drawer	1		
77		Drawer	1		
78		Drawer	1		
79		Walls	1		
80		Counter	1		
81		Floor	1		
82		Top Drawer	1		
83		Drawer Top	1		
84		"	1		
85		"	1		
86		Drawer	1		
87		Desk Shelves	1		
88		Desk	1		
89		Cabinet Door	1		
90		Top shelf	1		
91		shelf	1		
92		shelf	1		
93		<del>Top shelf</del> Cabinet door	1		
94		Top shelf	1		
95		shelf	1		
96		shelf	1		
97		shelf	1		
98		Cabinet Door	1		
99		Top shelf	1		
100		shelf	1		
101		shelf	1		
102	✓	shelf	1		

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )	Comments
103		Desk Shelves	1		
104		Desk	1		
105		Floor	1		
106		Top Shelf	1		
107		shelf	1		
108		shelf	1		
109		Cup Sink	1		
110		Counter	1		
111		Top Drawer	1		
112		Drawer	1		
113		"	1		
114		"	1		
115		Drawer	1		
116		Floor	1		
117		Top Shelf	1		
118		Shelf	1		
119		Shelf	1		
120		Cup Sink	1		
121		Counter	1		
122		Top Drawer	1		
123		Drawer	1		
124		Drawer	1		
125		Drawer	1		
126		Drawer	1		
127		Floor	1		
128		Counter	1		
129		Top Drawer	1		
130	✓	Drawer	1		

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )	Comments
131		Drawer	1		
132		Drawer	1		
133		FLOOR	1		
134		Book Case TOP Shelf	1		
135		Shelf	1		
136		Drawers	1		
137		Counter	1		
138		Top Drawer	1		
139		outer Cab. net	1		
140		inner Cabinet	1		
141		Counter	1		
142		Drawer	1		
143		FLOOR	1		
144		Counter	1		
145		TOP DRAWER	1		
146		Drawer	1		
147		Drawer	1		
148		Drawer	1		
149		FLOOR	1		
150		<del>Cabinet</del> Counter	1		
151		Drawer	1		
152		Top Drawer	1		
153		Drawer	1		
154		Drawer	1		
155		DRAWER	1		
156		Desk Shelves	1		
157		Desk	1		
158	✓	FLOOR	1		

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )	Comments
159		Floor	1		
160		Cabinet doors	1		
161		Top Shelf	1		
162		shelf	1		
163		shelf	1		
164		shelf	1		
165		Floor	1		
166		File Cabinet	1		
167		Desk	1		
168		Desk	1		
169		Shelfs	1		
170		file cabinet	1		
171		Floor	1		
172		Floor	1		
173		Door	1		
174		Floor	1		
175		Desk	1		
176		Floor	1		
177		Wall	1		
178		Floor	1		
179		Door	1		
180		Top Shelf	1		
181		shelf	1		
182		Counter	1		
183		Top Drawer	1		
184		Drawer	1		
185		"	1		
186	✓	"	1		

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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )	Comments
187		Drawer	1		
188		Top Drawer	1		
189		Drawer	1		
190		Drawer	1		
191		"	1		
192		"	1		
193		FLOOR	1		
194		Counter	1		
195		Top Drawer	1		
196		Drawer	1		
197		Drawer	1		
198		Drawer	1		
199		Drawer	1		
200		Top Drawer	1		
201		Drawer	1		
202		Drawer	1		
203		Drawer	1		
204		Drawer	1		
205		Floor	1		
206		Top Shelf	1		
207		Shelf	1		
208		Counter	1		
209		Drawer	1		
210		Outer Cabinet	1		
211		inner Cabinet	1		
212		Counter	1		
213		Top Drawer	1		
214	✓	Drawer	1		



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No.	Time	Location	Inst. Used	Total Activity (dpm/100 cm <sup>2</sup> )	Comments
215		Drawer	1		
216		Drawer	1		
217		Top Drawer	1		
218		Drawer	1		
219		"	1		
220		"	1		
221		"	1		
222		Drawer	1		
223		"	1		
224		"	1		
225		Top Shelf	1		
226		Shelf	1		
227		"	1		
228		"	1		
229		Sink	1		
230		Sink Facet	1		
231		Cabinet door	1		
232		inner cabinet	1		
233		Floor	1		
234		Floor	1		
235		Cabinet door	1		
236		Top Shelf	1		
237		Shelf	1		
238		shelf	1		
239		shelf	1		
240		Cabinet doors	1		
241		Shelf	1		
242	✓	shelf	1		





## ID: EQUIPMENT SURVY

17 APR 2000 19:54

USER: 2 COMMENT:  
 PRESET TIME : 1.00  
 DATA CALC : DL DPM H# : YES SAMPLE REPEATS: 1 PRINTER : EDIT  
 COUNT BLANK : YES IC# : NO REPLICATES : 1 RS232 : EDIT  
 TWD PHASE : NO ADC : YES CYCLE REPEATS : 1  
 SCINTILLATOR: LIQUID LUMEX: YES LOW SAMPLE REJ: 0  
 LOW LEVEL : NO HALF LIFE CORRECTION DATE: none

ISOTOPE 1: 3H %ERROR: 2.00 FACTOR: 1.000000 BKG. SUB: 0  
 ISOTOPE 2: 14C %ERROR: 2.00 FACTOR: 1.000000 BKG. SUB: 0  
 WIDE OPEN WINDOW %ERROR: 0.00 FACTOR: 1.000000 BKG. SUB: 0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: Off

Quench Limits Low: 2.756 High: 314.54

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
B1	92.9	14.00	13.00	40.00	22.39	17.46	2.07
1	91.8	16.00	13.00	41.00	4.05	-0.03	4.72
2	98.8	11.00	4.00	24.00	-0.81	-12.16	11.79
3	94.5	14.00	8.00	29.00	2.90	-6.77	10.18
4	98.4	23.00	4.00	34.00	25.07	-12.32	7.10
5	93.1	13.00	11.00	45.00	-1.00	-2.70	4.31
6	91.3	22.00	12.00	47.00	17.02	-1.47	7.98
7	96.2	11.00	6.00	23.00	-2.20	-9.45	4.49
8	98.2	17.00	13.00	40.00	7.07	0.01	4.03
9	98.4	17.00	15.00	39.00	6.00	2.73	5.64
10	95.0	10.00	13.00	34.00	-8.25	0.07	5.63
11	92.2	12.00	10.00	33.00	-2.65	-4.05	5.40
12	104.9	17.00	10.00	39.00	9.86	-4.03	10.23
13	95.4	14.00	14.00	37.00	-0.27	1.38	7.28
14	93.7	15.00	8.00	28.00	4.90	-6.79	5.57
15	116.4	13.00	14.00	35.00	-0.04	1.60	9.15
16	92.3	19.00	7.00	39.00	13.61	-8.20	3.92
17	94.2	17.00	8.00	32.00	9.20	-6.81	6.74
18	95.3	16.00	9.00	35.00	6.70	-5.44	5.32
19	94.8	27.00	12.00	51.00	28.30	-1.51	4.09
20	97.9	19.00	9.00	35.00	13.55	-5.46	6.72
21	92.5	20.00	13.00	43.00	12.52	-0.08	5.70
22	91.6	15.00	17.00	43.00	-0.19	5.40	4.62
23	93.5	27.00	6.00	42.00	31.20	-9.66	7.08
24	97.6	11.00	9.00	34.00	-3.71	-5.36	2.82
25	98.7	9.00	10.00	32.00	-8.49	-3.97	7.20
26	92.5	12.00	7.00	28.00	-1.02	-8.12	8.66
27	92.7	17.00	13.00	41.00	6.27	-0.04	3.24
28	92.8	22.00	13.00	47.00	16.76	-0.10	6.47
29	92.9	17.00	4.00	36.00	11.13	-12.25	6.50
30	96.7	30.00	8.00	52.00	37.42	-6.97	2.50
31	98.2	21.00	9.00	41.00	17.92	-5.49	4.86
32	93.4	15.00	13.00	36.00	2.16	-0.01	5.06
33	96.2	15.00	8.00	35.00	5.24	-6.78	5.03
34	95.3	18.00	8.00	31.00	11.49	-6.82	5.89
35	95.0	11.00	10.00	33.00	-4.50	-4.02	3.91
36	96.8	16.00	16.00	40.00	3.07	4.09	3.14
37	100.4	18.00	14.00	44.00	9.03	1.38	3.22
38	96.4	25.00	11.00	41.00	25.00	-2.83	3.47

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
39	101.3	33.00	11.00	60.00	43.79	-2.90	6.43
40	118.9	10.00	8.00	23.00	-3.17	-6.59	14.38
41	107.3	27.00	13.00	48.00	31.22	-0.05	9.89
42	100.9	19.00	9.00	36.00	14.13	-5.45	7.59
43	91.1	23.00	12.00	42.00	19.06	-1.48	5.29
44	101.6	19.00	8.00	35.00	14.83	-6.81	5.76
45	94.0	17.00	4.00	27.00	11.32	-12.25	4.16
46	97.4	21.00	10.00	45.00	17.20	-4.13	2.68
47	96.0	20.00	9.00	43.00	15.33	-5.49	4.13
48	89.4	18.00	10.00	42.00	9.45	-4.14	5.56
49	92.0	11.00	6.00	30.00	-2.62	-9.46	10.73
50	93.1	14.00	13.00	34.00	0.02	0.00	5.90
51	98.1	26.00	15.00	47.00	25.34	2.61	4.93
52	117.2	13.00	9.00	29.00	3.22	-5.27	16.23
53	107.0	18.00	6.00	29.00	14.85	-9.50	10.06
54	107.7	18.00	12.00	39.00	11.46	-1.29	4.59
55	99.1	18.00	10.00	35.00	11.06	-4.08	9.81
56	92.8	22.00	13.00	47.00	16.77	-0.10	2.95
57	96.2	18.00	5.00	33.00	13.30	-10.89	6.60
58	92.2	19.00	17.00	46.00	8.24	5.36	2.98
59	92.4	13.00	4.00	28.00	2.68	-12.20	6.94
60	100.8	14.00	14.00	39.00	0.34	1.43	21.58
61	96.0	16.00	5.00	30.00	9.00	-10.87	7.25
62	93.6	26.00	6.00	39.00	29.12	-9.65	10.99
63	104.4	20.00	8.00	43.00	17.63	-6.81	6.69
64	87.9	12.00	11.00	31.00	-3.58	-2.73	1.78
65	88.8	20.00	14.00	41.00	11.37	1.24	1.47
66	89.7	10.00	9.00	25.00	-6.49	-5.40	3.16
67	90.7	17.00	9.00	37.00	8.12	-5.48	1.90
68	93.1	10.00	9.00	30.00	-6.22	-5.37	6.66
69	94.4	12.00	17.00	34.00	-6.24	5.47	7.22
70	95.9	17.00	5.00	29.00	11.11	-10.88	6.71
71	98.9	16.00	7.00	37.00	8.36	-8.14	5.21
72	95.5	22.00	11.00	46.00	18.40	-2.80	7.85
73	101.7	17.00	9.00	37.00	9.88	-5.41	6.94
74	104.6	20.00	11.00	39.00	15.94	-2.71	3.99
75	97.5	32.00	13.00	53.00	39.21	-0.19	6.18
76	93.2	14.00	10.00	36.00	1.65	-4.07	5.61
77	95.3	16.00	11.00	37.00	5.61	-2.72	8.37
78	97.0	12.00	11.00	33.00	-2.72	-2.66	4.14
79	92.4	25.00	12.00	42.00	23.51	-1.50	6.37
80	100.7	19.00	6.00	32.00	15.79	-9.53	6.10
81	98.5	19.00	7.00	34.00	14.79	-8.18	4.34
82	93.4	24.00	9.00	44.00	23.24	-5.55	3.14
83	94.2	22.00	7.00	43.00	20.29	-8.24	1.52
84	94.0	27.00	6.00	42.00	31.35	-9.66	5.80
85	96.2	12.00	18.00	37.00	-6.64	6.85	4.51
86	91.7	17.00	8.00	38.00	8.80	-6.83	4.59
87	100.4	15.00	8.00	37.00	5.86	-6.76	8.97
88	94.7	9.00	6.00	22.00	-6.59	-9.43	9.44
89	100.6	14.00	7.00	30.00	4.26	-8.11	11.11
90	93.8	18.00	8.00	42.00	11.24	-6.83	4.50
91	97.3	16.00	8.00	34.00	7.56	-6.79	6.51
92	100.8	11.00	13.00	32.00	-5.65	0.11	6.14
93	94.8	16.00	5.00	28.00	8.81	-10.87	6.20
94	95.9	18.00	14.00	45.00	8.31	1.33	5.35
95	96.8	17.00	12.00	40.00	7.41	-1.36	4.87
96	94.5	11.00	6.00	25.00	-2.37	-9.45	13.53

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
97	100.1	15.00	8.00	29.00	5.82	-6.76	10.05
98	96.0	16.00	8.00	34.00	7.35	-6.79	4.90
99	95.8	15.00	10.00	34.00	4.10	-4.06	7.24
100	97.9	16.00	10.00	32.00	6.54	-4.06	5.33
101	96.0	19.00	10.00	36.00	12.66	-4.11	9.67
102	93.2	14.00	10.00	39.00	1.66	-4.07	4.18
103	94.6	16.00	8.00	34.00	7.14	-6.80	7.58
104	90.4	14.00	16.00	38.00	-1.86	4.04	7.32
105	97.5	21.00	12.00	39.00	16.12	-1.41	6.68
106	106.3	17.00	13.00	44.00	8.37	0.08	3.08
107	103.0	16.00	9.00	36.00	7.89	-5.39	6.79
108	95.0	8.00	10.00	29.00	-10.86	-3.98	11.31
109	98.6	10.00	11.00	31.00	-6.89	-2.62	9.67
110	92.3	16.00	9.00	29.00	6.27	-5.45	8.59
111	92.9	18.00	4.00	32.00	13.24	-12.26	10.72
112	92.9	13.00	17.00	44.00	-4.25	5.44	5.73
113	91.9	17.00	11.00	36.00	7.22	-2.76	9.33
114	95.4	21.00	11.00	44.00	16.24	-2.78	6.66
115	93.0	28.00	9.00	51.00	31.55	-5.60	5.75
116	103.7	21.00	10.00	41.00	18.55	-4.09	7.45
117	119.8	12.00	10.00	32.00	0.53	-3.86	16.55
118	95.4	13.00	11.00	27.00	-0.75	-2.68	12.00
119	95.3	17.00	5.00	31.00	11.00	-10.88	13.89
120	97.3	13.00	6.00	29.00	2.21	-9.47	10.42
121	92.5	18.00	12.00	37.00	8.87	-1.41	6.64
122	96.1	14.00	11.00	34.00	1.45	-2.69	5.94
123	92.2	16.00	9.00	33.00	6.25	-5.46	11.57
124	95.4	18.00	7.00	35.00	12.06	-8.18	7.58
125	97.9	18.00	5.00	34.00	13.61	-10.89	2.74
126	95.5	10.00	8.00	28.00	-5.48	-6.72	10.83
127	98.4	18.00	9.00	42.00	11.48	-5.45	8.88
128	95.9	18.00	15.00	37.00	7.77	2.69	7.36
129	99.9	19.00	5.00	36.00	16.18	-10.90	9.13
130	97.3	19.00	7.00	43.00	14.55	-8.19	2.68
131	92.6	18.00	8.00	33.00	11.04	-6.83	9.30
132	103.7	18.00	8.00	34.00	13.03	-6.78	11.10
133	95.4	22.00	7.00	38.00	20.57	-8.23	6.19
134	97.6	20.00	9.00	43.00	15.65	-5.48	5.03
135	94.3	15.00	7.00	29.00	5.52	-8.15	7.75
136	92.8	16.00	11.00	32.00	5.26	-2.74	3.42
137	93.7	12.00	10.00	29.00	-2.51	-4.04	10.72
138	96.8	21.00	8.00	41.00	18.17	-6.85	8.59
139	95.1	19.00	12.00	49.00	11.40	-1.40	6.89
140	95.2	14.00	9.00	29.00	2.43	-5.41	11.56
141	94.0	18.00	13.00	39.00	8.56	-0.04	8.36
142	102.3	15.00	10.00	37.00	5.00	-4.02	13.75
143	94.2	22.00	7.00	36.00	20.30	-8.24	9.36
144	93.4	8.00	8.00	27.00	-9.87	-6.71	9.60
145	95.7	24.00	14.00	50.00	21.07	1.26	4.18
146	91.0	17.00	12.00	47.00	6.56	-1.41	5.24
147	94.4	18.00	14.00	43.00	8.08	1.32	4.03
148	97.1	16.00	12.00	36.00	5.32	-1.35	5.62
149	96.5	9.00	7.00	26.00	-6.99	-8.06	7.43
150	92.1	17.00	10.00	38.00	7.79	-4.11	8.52
151	91.8	22.00	9.00	48.00	18.71	-5.53	3.67
152	94.7	13.00	11.00	37.00	-0.83	-2.69	3.95
153	90.6	22.00	5.00	36.00	20.59	-10.96	9.67
154	93.3	15.00	10.00	37.00	3.74	-4.08	4.43

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
155	93.3	19.00	6.00	38.00	14.33	-9.56	4.51
156	97.6	21.00	10.00	37.00	17.24	-4.13	4.82
157	101.8	20.00	7.00	34.00	17.63	-8.18	7.63
158	92.6	17.00	6.00	32.00	10.01	-9.53	9.13
159	96.7	15.00	16.00	39.00	0.91	4.10	4.88
160	96.6	23.00	18.00	52.00	16.93	6.71	1.42
161	94.6	20.00	13.00	46.00	12.88	-0.06	5.41
162	95.2	14.00	14.00	41.00	-0.29	1.38	8.31
163	93.3	23.00	10.00	43.00	20.59	-4.18	6.06
164	95.8	15.00	9.00	32.00	4.65	-5.42	6.57
165	89.6	16.00	8.00	29.00	6.41	-6.82	2.42
166	96.8	17.00	4.00	28.00	11.82	-12.24	16.16
167	94.7	16.00	10.00	30.00	6.07	-4.08	8.26
168	98.0	16.00	15.00	39.00	3.77	2.74	4.81
169	90.7	18.00	10.00	37.00	9.66	-4.13	3.88
170	97.6	17.00	17.00	43.00	4.76	5.44	5.29
171	106.6	23.00	7.00	40.00	25.48	-8.20	8.37
172	95.7	8.00	9.00	26.00	-10.28	-5.33	12.54
173	114.1	18.00	13.00	38.00	12.09	0.13	16.36
174	94.8	18.00	7.00	35.00	11.96	-8.18	7.36
175	100.1	31.00	11.00	54.00	39.00	-2.88	4.72
176	89.6	22.00	12.00	44.00	16.68	-1.48	5.66
177	97.2	22.00	7.00	38.00	20.97	-8.22	5.90
178	94.3	17.00	10.00	32.00	8.13	-4.10	5.20
179	93.4	22.00	12.00	39.00	17.42	-1.45	4.12
180	95.8	20.00	15.00	49.00	12.02	2.67	6.02
181	92.8	23.00	11.00	42.00	19.95	-2.83	4.30
182	92.0	19.00	9.00	38.00	12.49	-5.49	4.27
183	91.7	20.00	4.00	36.00	17.20	-12.29	7.23
184	90.9	20.00	19.00	51.00	9.05	8.04	3.57
185	93.5	14.00	12.00	32.00	0.60	-1.35	7.91
186	91.5	13.00	12.00	33.00	-1.70	-1.36	4.78
187	94.2	15.00	8.00	31.00	4.97	-6.79	7.39
188	93.7	19.00	10.00	36.00	12.25	-4.13	4.64
189	92.3	15.00	13.00	39.00	2.03	-0.02	5.80
190	95.6	16.00	9.00	29.00	6.74	-5.44	5.88
191	93.4	17.00	7.00	36.00	9.60	-8.18	5.26
192	97.8	29.00	11.00	51.00	33.97	-2.87	5.58
193	93.3	24.00	13.00	50.00	21.08	-0.12	2.42
194	94.7	21.00	8.00	39.00	17.74	-6.86	5.35
195	95.3	23.00	11.00	42.00	20.48	-2.81	3.24
196	93.8	17.00	15.00	42.00	5.35	2.69	2.30
197	93.0	19.00	8.00	37.00	13.19	-6.85	5.14
198	94.7	22.00	6.00	40.00	20.95	-9.59	5.56
199	92.1	16.00	6.00	32.00	7.84	-9.52	7.17
200	89.6	28.00	9.00	45.00	30.64	-5.62	3.79
201	93.0	22.00	3.00	36.00	22.19	-13.67	5.14
202	96.1	15.00	8.00	31.00	5.23	-6.78	4.13
203	91.0	14.00	8.00	32.00	2.46	-6.79	4.20
204	94.4	10.00	11.00	29.00	-7.21	-2.65	4.53
205	98.2	12.00	13.00	31.00	-3.72	0.07	7.96
206	96.7	18.00	7.00	39.00	12.30	-8.17	6.26
207	95.4	16.00	11.00	33.00	5.63	-2.72	4.38
208	96.7	22.00	12.00	40.00	18.10	-1.43	3.92
209	92.8	21.00	4.00	35.00	19.51	-12.30	5.26
210	96.8	14.00	10.00	35.00	2.09	-4.04	6.45
211	94.3	12.00	12.00	39.00	-3.53	-1.32	6.77
212	93.6	24.00	8.00	41.00	23.83	-4.81	6.44

SAM NO	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	LUMEX %
213	96.8	9.00	10.00	28.00	-8.62	-3.98	4.41
214	95.7	7.00	12.00	26.00	-14.05	-1.24	7.74
215	92.6	28.00	8.00	45.00	32.00	-6.96	4.07
216	96.1	14.00	6.00	30.00	4.20	-9.48	4.89
217	91.1	16.00	7.00	36.00	7.15	-8.17	5.72
218	93.7	18.00	12.00	38.00	9.06	-1.40	6.52
219	96.6	23.00	13.00	46.00	19.68	-0.08	5.46
220	100.1	21.00	9.00	43.00	18.33	-5.48	5.50
221	97.3	18.00	10.00	46.00	10.74	-4.09	3.04
222	94.9	17.00	14.00	41.00	6.03	1.34	5.81
223	101.4	16.00	5.00	28.00	9.90	-10.86	8.68
224	102.3	8.00	8.00	30.00	-9.30	-6.66	7.93
225	97.5	14.00	14.00	36.00	-0.04	1.40	6.01
226	95.8	10.00	9.00	28.00	-6.01	-5.36	2.50
227	98.1	23.00	7.00	38.00	23.32	-8.23	7.47
228	95.7	15.00	7.00	30.00	5.72	-8.14	6.21
229	92.8	16.00	10.00	38.00	5.79	-4.10	7.42
230	92.9	22.00	9.00	44.00	18.95	-5.53	4.48
231	104.3	15.00	15.00	35.00	2.42	2.82	9.03
232	97.7	13.00	7.00	32.00	1.72	-8.11	11.63
233	97.9	16.00	3.00	30.00	10.43	-13.59	10.37
234	95.0	21.00	8.00	36.00	17.81	-6.86	4.23
235	98.6	15.00	8.00	30.00	5.59	-6.77	6.87
236	94.6	18.00	4.00	37.00	13.55	-12.26	5.71
237	94.4	17.00	11.00	37.00	7.60	-2.74	4.58
238	96.7	13.00	8.00	29.00	1.04	-6.75	6.74
239	91.2	19.00	11.00	45.00	11.29	-2.79	4.49
240	92.9	13.00	7.00	29.00	1.13	-8.13	7.57
241	97.7	16.00	5.00	32.00	9.28	-10.87	6.11
242	93.8	22.00	11.00	46.00	18.05	-2.81	4.68
243	96.6	19.00	11.00	39.00	12.21	-2.75	4.19
244	94.0	14.00	12.00	36.00	0.67	-1.35	3.57
245	98.3	16.00	10.00	34.00	6.60	-4.06	5.80
246	93.5	11.00	11.00	32.00	-5.17	-2.67	5.59
247	96.2	15.00	7.00	30.00	5.79	-8.14	2.81
248	100.8	14.00	1.00	23.00	7.69	-16.28	3.92
249	91.8	10.00	13.00	33.00	-8.47	0.04	6.01
250	97.0	16.00	11.00	34.00	5.85	-2.71	3.80
251	91.7	13.00	14.00	31.00	-2.75	1.36	2.62
252	95.6	17.00	13.00	37.00	6.69	-0.01	5.16
253	94.9	21.00	9.00	43.00	17.23	-5.50	4.13
254	99.7	17.00	9.00	43.00	9.54	-5.43	5.14
255	98.2	14.00	11.00	27.00	1.72	-2.67	7.13
256	101.9	18.00	11.00	41.00	10.99	-2.70	2.70