

9/7/02 Absorbance ~~Fluorescence~~ Test of Detectors at 600.2nm

Sample	-	+
L1	0.00	1.972
L2	0.00	1.501
L3	0.00	1.230
L4	0.00	0.973
L5	0.00	1.128
L6	0.00	1.084
L7	0.00	0.885
L8	0.00	1.034

A1	.00	1.755
A2	.00	1.672
A3	.00	.095
A4	.00	.1050
A5	.00	.484
A6	.00	.619

C1	.00	1.651
C2	.00	1.478
C3	.00	.038
C4	.06	.003
C5	.10	.00
C6	.00	.535

Fluorescence (405nm) at 380.1nm

Sample	Dilution	Flu. @ 405nm
A1	1:100	.105
A2	1:100	.067
A3	-	.965
A4	-	.617
A5	-	.777
A6	1:10	.163

C1	1:100	.147
C2	1:10	.986
C3	-	.654
C4	-	.406
C5	-	.068
C6	1:10	.117

C1	-	.913
L2	1:100	.089
L3	1:10	.532
L4	1:10	.198
L5	1:10	.779
L6	1:10	.750
L7	1:10	.162 .242
L8	1:10	.162 .162

Fluorescence Per O.D. Calculations (From 9/7/12) ~~AK~~

Flu. at 405nm

Abs. @ 600.2 nm ✓

from 9-4-12

Sample	Flu./OD	Cont.
A1	5.983	.1 M
A2	4.007	.05 M
A3	10.158	.01 M
A4	12.340	5 mM
A5	1.711	1 mM
A6	24.333 2.633	Control
C1	8.904	.1 M
C2	6.857	.05 M
C3	17.211	.01 M
C4	135.333	5 mM
C5	—	1 mM
C6	2.187	Control
L1	.463	.02 M
L2	5.929	.01 M
L3	4.325	5 mM
L4	2.035	1 mM
L5	1.587	.5 mM
L6	2.306	.1 mM
L7	2.830	.02 mM
L8	1.567	control

Sample	Flu./OD	
A1	6.2810 13.098	
A2	10.210 4.727	10.646
A3	2.455 5.547	
A4	4.033 4.355	
A5	11.268 1.846	
A6	11.268 2.259	
C1	16.448	
C2	18.873	
C3	5.443	
C4	4.208	
C5	1.705	
C6	3.727	
L1	.349	
L2	1.997	
L3	4.260	
L4	3.374	
L5	4.345	
L6	1.160	
L7	83.981	
L8	2.067	

9-7-12
-testing

9-7-12:

- Repeat of tests from p. 69 (old book)
- results on previous page

9-10-12:

- repeat of tests from p. 69 (old book)
- results on previous page

9-11-12:

p. 68 tests repeated