

EXP. NUMBER	EXPERIMENT/SUBJECT	DATE	66	
NAME	LAB PARTNER	LOCKER/DESK NO.	COURSE & SECTION NO.	

8/7/12

- started cadmium, arsenic, and nitrate tests on all detectors except lead

→ 9/8/11

• Cadmium/Arsenic Detectors (18 total)

- Added 4ml of LB+chlora to both positives and negatives
- Added 400 μ l Cadmium Nitrate (.1M)
- Added 100 μ l of cells to corresponding positive and negative tubes
- 1A, 2A, 5A, 6A, 6B, 7A, 7B, 8A, 8B, 9A, 9B, 9C, 9D, 11A, and 11B were all incubated (+/-)
- 8c - was incubated but 8c+, 11c(+/-), and 6c(+/-) were not

• Nitrate Detectors (8 total)

- added 5ml of LB+chlora to +/- tubes
- added 1ml of Calcium Nitrate (.5M) to positives
- added 100 μ l of cells to corresponding +/- tubes
- L1, L2, H1-V2, L2-V2, H1, H2-V2, H2, add L1-V2 (+/-) were incubated

8/9/12

- continued detector tests.

- incubated tests of 8c+, 11c(+/-), and 6c (+/-)

• Lead Detectors (7 total)

- added 4ml LB +chlora for both +/- tubes
- added 1ml of Lead Acetate (.1M) to positives.
- added 100 μ l of cells to both +/- tubes.
- 10A, 10B, 10C, 10D, 12A, 12B, and 12C^(+/-) were incubated

- did a plasmid prep of I765000 Fe promoter #2 (Amp)

8/10/12

- resuspended all detector tests in 1ml PBS except for the nitrate detectors

SIGNATURE	DATE	WITNESS/TA	DATE
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