

7/18/12 - Unknown Testing to find NO_3^- const.

SA:WR

Unknown #/Letter	Media	Control	Calcium NO_3^-	NaNO_3
A	LB	-	-	-
A	M9	-	-	-
B	LB	-	-	-
B	M9	-	-	-
C	LB	-	-	-
C	M9	-	-	-
D	LB	-	-	-
D	M9	-	-	-
E	LB	-	-	-
E	M9	-	-	-
F	LB	-	-	-
F	M9	-	-	-
G	LB	-	-	-
G	M9	-	-	-

Control
5 mL Broth
10 μ of cells

Calcium Nitrate
5 mL Broth
10 μ of cells
200 μ .5 Ca/ NO_3

Sodium Nitrate
5 mL Broth
10 μ of cells
200 μ of .5M NaNO_3

PCR of 7 unknowns:
- A, B, C, D, E, F, G

- Buffer	2.5	x 8	=	20 μ
- MgCl_2	1.5		=	12 μ
- dNTP	1			8 μ
- VF	1			8 μ
- VR	1			8 μ
- TAQ	.5			4 μ
- dH_2O	16.5			132 μ
	24			

1 μ of DNA

6E: (7/19/12)
- A | B | C | D | E | F | G