

PCR check of

NEW PCR machine

program 001

1	K824008 A	2.5 μ DNA ↓	95°C	15'	} 39x
2	B		94°C	30"	
3	K176012		62°C	30"	
4	K299009		68°C	3.5'	
5	dH ₂ O		68°C	20'	

Uses 0.2 ml tubes

Mix:

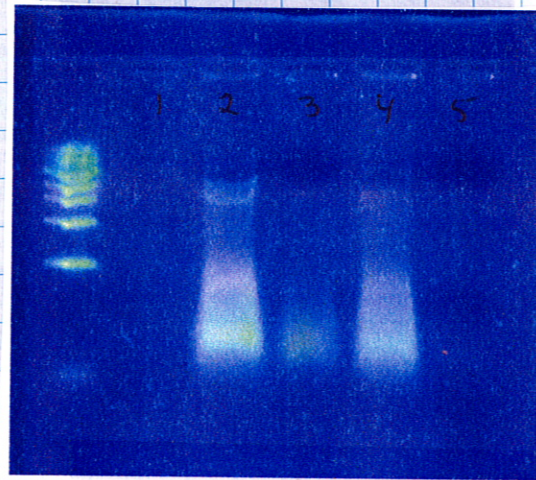
Buffer	2.5	\times 5.5	=	13.75	✓
MgCl ₂	1.5		=	8.25	✓
dNTPs	1		=	5.5	
VR	.5		=	2.75	
VF2	.5		=	2.75	
tag	.5		=	2.75	
dH ₂ O	16.5	16	=	88	✓
	20 μ 2.5				

Tube 1 came open

Doublet in lane 2

Faint band in 4

5 is blank (neg. ctrl)



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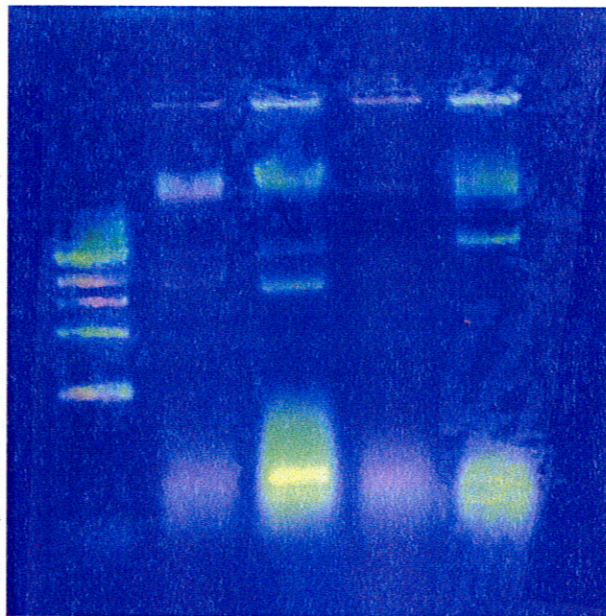
Restriction digest of: ~~K824008~~

1. K824008 A } Use 10 λ of DNA
2. K824008 B }
3. K176012
4. K299009

Mix:

Buffer 2	- 2 μ l	x 6	= 12 μ l
Eco RI	- .5 μ l		= 3 μ l
Pst I	- .5 μ l		= 3 μ l
dH ₂ O	- 7 μ l		= 42 μ l
	<u>10</u>		<u>60</u>

1 & 2 identical



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GE plasmid prep of

K174015

K081014-2

K824012

K824009

Appeared
infected.

- ~~A~~ K081014-1

- ~~A~~ K824009-1

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Started Plasmid Prep of K824002, K824002 #2, and K824012.

1. Add 100 µl of 100 mg/ml ampicillin to 100 ml of K824002.
2. Grow overnight.
3. Harvest cells.
4. Wash cells with water.
5. Resuspend cells in 10 ml of water.
6. Add 100 µl of 100 mg/ml ampicillin to 100 ml of K824002 #2.
7. Grow overnight.
8. Harvest cells.
9. Wash cells with water.
10. Resuspend cells in 10 ml of water.