



BABEC D1S80 PCR Debriefing Form

1. Teacher Information

Name _____ School _____

2. Partnership _____

3. Subject/ Class (select all that apply)

- | | |
|---|--|
| <input type="checkbox"/> Adv./ Honors Biology | <input type="checkbox"/> Environmental Science |
| <input type="checkbox"/> AP Biology | <input type="checkbox"/> Forensics |
| <input type="checkbox"/> Biology | <input type="checkbox"/> Genetics |
| <input type="checkbox"/> Biotechnology | <input type="checkbox"/> Integrated Science |
| <input type="checkbox"/> Cell Biology | <input type="checkbox"/> Other, please specify _____ |
| <input type="checkbox"/> Chemistry | |

4. Provide the number of students for each section. If you marked multiple classes, above, please specify the class on each line (ex. Adv. Bio – 30, Biology – 32):

Section 1 _____	Section 4 _____
Section 2 _____	Section 5 _____
Section 3 _____	

5. What previous micropipetting experience did your students have?

6. Did you have major problems with your PCR reaction (ie. no bands)?

Yes No

7. If you marked yes, please describe the reagent storage conditions. Check the appropriate box for each reagent.

Reagents	Fridge	Freezer	Room Temp.	N/A
Master mix				
Primer mix				
+ control DNA				
MW marker				
Chelex				
Vertical gels				

8. Tell us about your students' results:

of student runs _____
 # of successful amplifications _____
 # of ambiguous results _____

9. **Were the bands distinct and easily readable?**
Yes No
Comments:
10. **Were positive control reactions set up in each of your classes?**
Yes No
Comments:
11. **Were negative control reactions set up in each of your classes?**
Yes No
Comments:
12. **Was a ladder run on all of the gels?**
Yes No
Comments:
13. **Did you see bands other than at 369-801 bp (at 16 bp increments)?**
Yes No
Comments:
14. **If your results did not turn out as expected, what problem(s) do you think may have occurred?**
15. **Did your class(es) do the regression plot of the data?** Yes No
If so, please select the method:
Graphing calculator Other computer program
Excel Did not do regression plot
16. **Is this the only vertical gel electrophoresis lab used in your classes?**
Yes No
If no, please list the other labs that have used vertical gels:
17. **How was the support you received? Please specify the source (another teacher, partnership coordinator, BABEC outreach coordinator, etc.).**
18. **What additional support would have been helpful?**
19. **What was your students' overall reaction to the lab/unit? If possible, please include a quote or anecdote.**
20. **Additional comments:**