

Biology 211
Lab 8
Sequencing Reaction Cleanup

Objectives:

- Clean up the sequencing reaction so that it is sequencing quality.

Before Lab:

- Now that the sequence reaction is completed, you need to clean up your product before sequencing.
- Start writing your introduction, including what molecules are in your PCR tubes that should be removed before sequencing. How will these molecules interfere with the sequencer?
- Find a procedure to clean up PCR or sequencing reactions. You need to bring a sheet to lab with your procedure and a summary of how it cleans up the DNA. There are many companies that sell these things but you could check Qiagen, Applied Biosystems, Bio-Rad, Edge Bio. If it is a kit, you need to print the instructions for the kit. For your procedure, include what each step and reagent is and does.

In Lab:

- Cleanup your sequencing reaction using the procedures discussed in class.
- Your DNA is now ready to be sequenced. You will need to add them to the sequencer box in the order shown by your instructor.