

- 1) Cells should be grown to mid-log. Two or three technical replicates can be sent, just in case there's a problem, from at least 3 biological replicates. Biological replicates could be different cultures grown at the same or different times.
- 2) Usually a cell count is taken. Send between 2 to 5 million cells. Centrifuge cells in a microcentrifuge tube. Remove the supernatant and freeze the pellet immediately in liquid nitrogen.
- 3) Write the sample name on the microcentrifuge tube using a marker. Do not label tubes with tape. The dry ice causes the tape to stiffen and fall off.
- 4) When you are ready to send the samples, place the tubes in cardboard freezer box. Label the box with your name using a marker, not tape. Place box at the bottom of a Styrofoam shipping container and place dry ice on top. Send to:

Dr. K. Niyogi Lab
111 Koshland Hall
Plant and Microbial Biology
University of California
Berkeley, CA 94720-3102
phone 510-643-6604

- 5) Include a table with the names of the samples and the number of replicates sent. Additional information could include cell number and volume of cells used.
- 6) We will extract the samples with acetone and run them on the HPLC at the next available date.
- 7) Please feel free to email to ask about the data.