

PBC Day 4 Interpretation questions

1. Interpret your Bradford assay data. Calculate S.A. for each of your samples.
2. Which samples did you expect to have the highest S.A.? Did your calculations support those expectations? Why or why not?
3. In each of the following cases how did your experiment go “wrong”?
 - a. After turning on the power for your gel to run, you see many bubbles and are assured by your TA that everything is fine. Five minutes later you look at your gel again and despite the fact that the bubbles are still going, you cannot find the blue 2x sample dye anywhere in your gel. Why?
 - b. After the Commassie-stained gels have been dried and passed back, you notice that the majority of your bands are at the top of the gel but the groups around you have their bands spread out throughout the gel. Someone suggests you might not have run your gel all the way to the bottom, but you show them that the dye front is 1 cm from the bottom. What happened?