

1. Transfer water from your stock tube to a small beaker (you can pour it).
2. Take the 10 ul pipette. Set the pipette to 7.5 ul.
3. Seat a tip on the pipette.
4. Put a piece of Parafilm on the pan of the fine-scale balance and tare it.
5. Pull up water into the micropipetter, carefully deliver to the Parafilm.
6. Record the mass delivered, and any observations about bubbles, droplets or other anomalies .
7. Use a Kimwipe to soak up the water.
8. Repeat twice more.
  
9. Take the 20ul pipette. Set the volume to 14.5 ul.
10. Seat a tip on the pipette.
11. Draw up and deliver water to the parafilm.
12. Record the mass delivered and any other observations.
13. Repeat twice.
  
14. Repeat using a 200ul pipette set to a 125.3ul volume
  
15. Repeat using a 1000ul pipette set to a 450.4ul volume.
  
16. Repeat all of the above using the tube that says 25% Glycerol.
  
17. What conclusions can you draw about your pipetting skills, your pipettors and the density of the two solutions?