

Directions for using Tri-Valve Bulb

This device may be helpful if you have not found a comfortable method of using pipettes.

Before attempting to use the red three-valve bulb, study the diagram below and then read all of the instructions. Also, be sure to have read *Using Pipettes*.

After you have finished reading the instructions, it may be helpful to practice with distilled water or a river sample.

Note that the pipette is not inserted into the liquid until step # 6!!

1. Hold the tri-valve bulb upright with left hand, as shown below.
2. Twist top of pipette into bottom of bulb until it is snug. Don't force it - the pipette will only go in approximately $\frac{1}{4}$ inch.
3. With right hand, squeeze and hold "A".
4. With left hand, gently squeeze bulb (no need to squeeze it completely).
5. Release "A". Bulb will stay squished, so there is no need to keep squeezing.
6. Continue holding bulb with left hand, and insert pipette into liquid.
7. With right hand, GENTLY squeeze "S". This will suck liquid into the pipette. Do not allow liquid to rise so high in the pipette that it touches the cotton or enters the bulb.
8. After liquid has reached the desired level, release "S".
9. Continue holding bulb in left hand, and remove pipette from liquid. Place it over target container. Do not contaminate pipette tip by allowing it to touch anything in the target container.
10. GENTLY squeeze "E". This will drain liquid out of pipette.
11. After desired amount of liquid has drained from pipette, release "E".
12. When finished, twist pipette off of bulb.

