

If a pipette pump is not available, you may use a pipette bulb to draw the liquid up the pipette.

Place the pipette in the liquid, resting it gently on the bottom, (too much pressure on your pipette, will not allow the liquid to draw up the pipette smoothly.)

Squeeze the air out of the bulb and place it on the top of the pipette, making sure it is tight around the pipette top. Slowly draw the liquid up the pipette by releasing the pressure on the bulb.

If this does not draw enough liquid into the pipette, gently holding the pipette, pull the bulb off of the pipette with one hand, using your other hand to place your thumb over the top of the pipette to keep the liquid from draining. Squeeze the bulb and once more place it on the top of the pipette. A slow continued release of the bulb will again draw additional liquid up the pipette.

Draw the liquid up the pipette until it travels approximately 1.5 inches past the line on your pipette.

Remove the pipette bulb from the top of the pipette, at the same time you place your thumb over the top of the pipette to keep the liquid from draining out of the pipette. Gently releasing the pressure on the pipette with your thumb slightly will cause the liquid in the pipette to drain.

Holding the pipette at eye level let the liquid drain into a waste container until the meniscus reaches the volume line on your pipette.

Practice this procedure until you can control how fast the volume of the liquid drains in the pipette.

Gently place the pipette in the container you wish to deliver the liquid. Remove your thumb from the top of the pipette to let the liquid drain out. If you are using a drain pipette, let all the liquid drain naturally, and then touch the end of the pipette to the side of the flask at a 45° angle for 3 seconds. Do not use the pump or a bulb to blow the liquid out of the pipette tip. The volumetric pipette accounts for the small amount of liquid volume remaining in the tip.

Never use your mouth to blow out a pipette or draw liquid up the pipette.