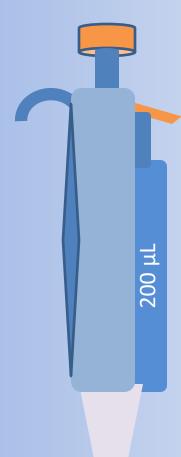
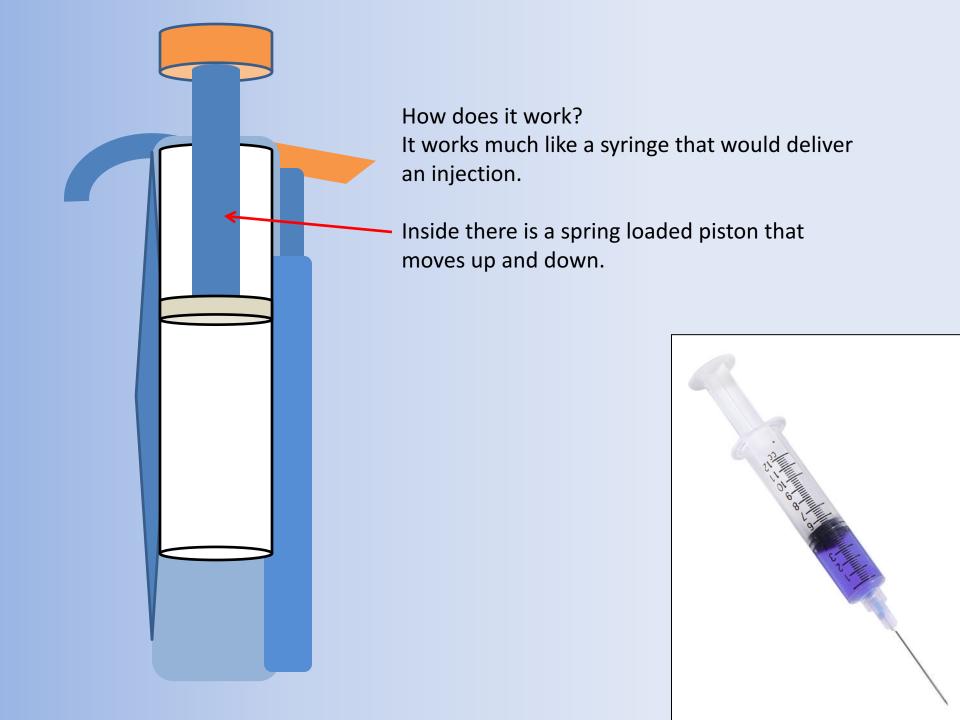


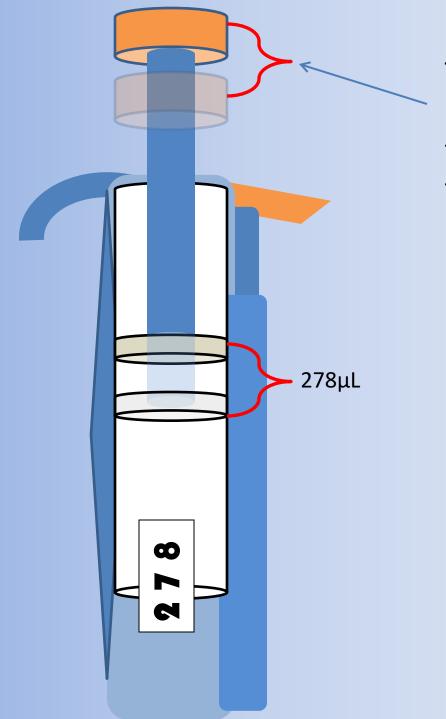
This is a <u>Micropipette</u> it is used to accurately transfer small quantities of liquid.

On this model the desired volume can be adjusted within the range of microliters (μ L).



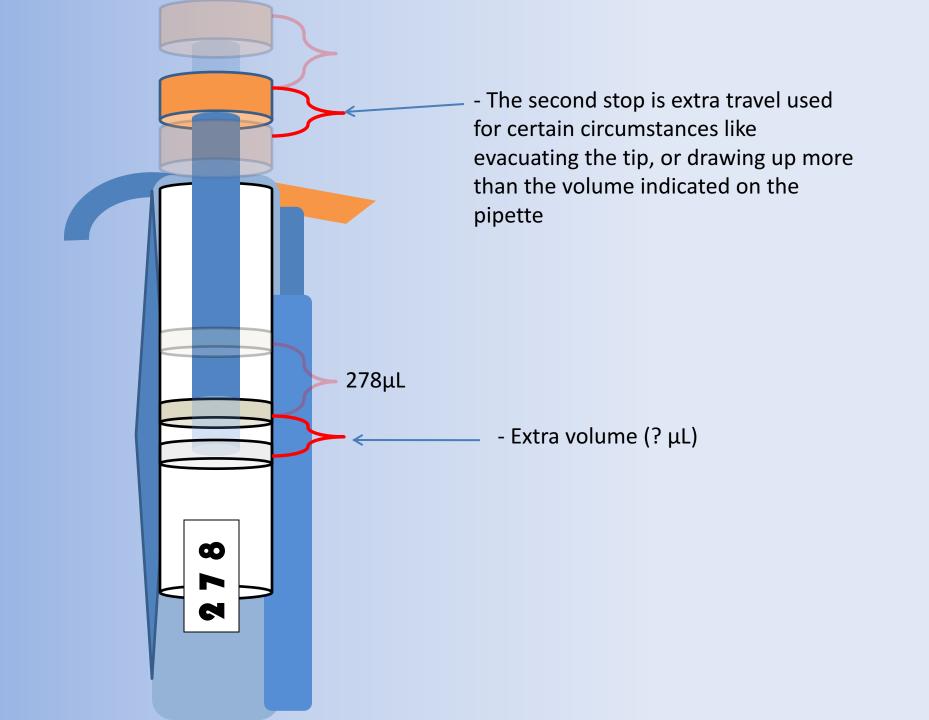
Some Micropipettes have preset volumes and cannot be adjusted. This pipette will only deliver 200µL.

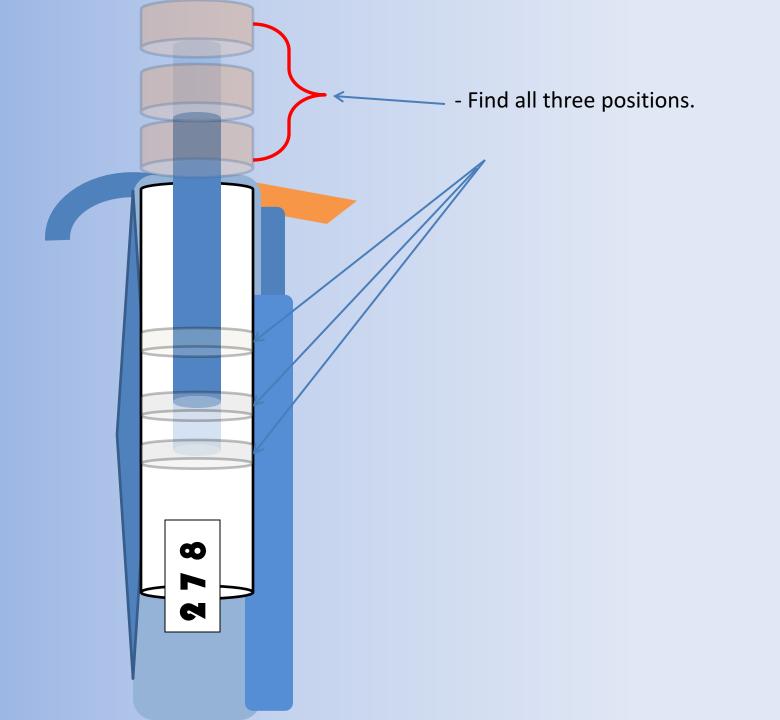


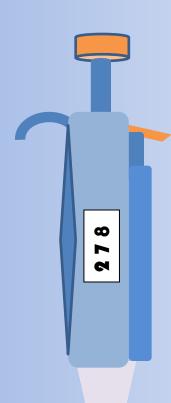


The plunger has two stops:

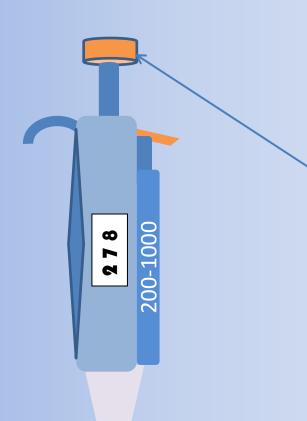
- at the <u>First Stop</u> the piston moves through the volume that is set on the pipette. (In this case 278µL)







Proper Use ©

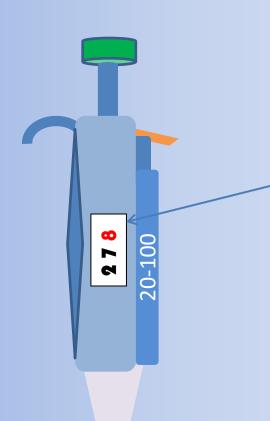


Setting Volume

Set the correct volume on your micropipette by turning the adjustment knob (typically the plunger button).

This pipette's range is 200-1000 μL and is set to deliver 278 μL

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Setting Volume

Settings can vary between models and manufacturer s.

This pipette's range is 20-100 μ L and is set to deliver 27.8 μ L

However you might see the following readings for this exact setting on different pipettes:

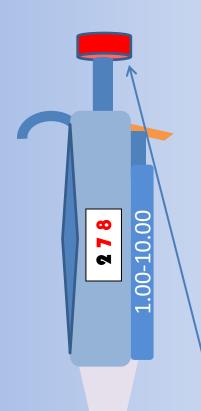
278

27.8

The first two make the decimal places obvious,

278

while the last one implies the tenths place if you know the range.



Setting Volume

Settings can vary between models and manufacturer s.

This pipette's range is 1-10 μ L and is set to deliver 2.78 μ L

However you might see the following readings for this exact setting on different pipettes:

278

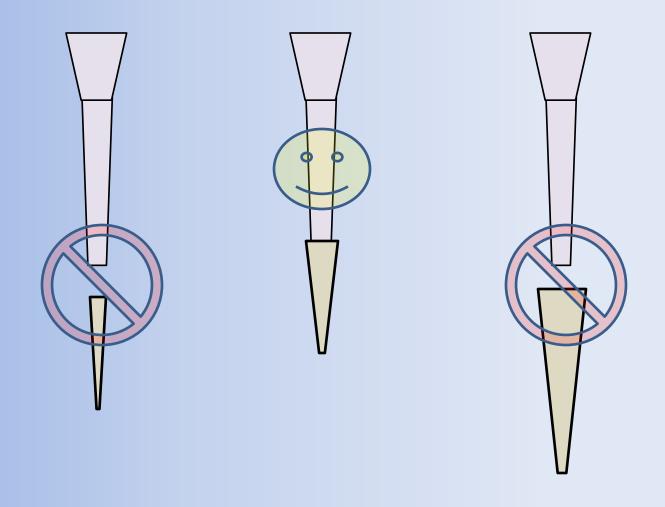
2.78

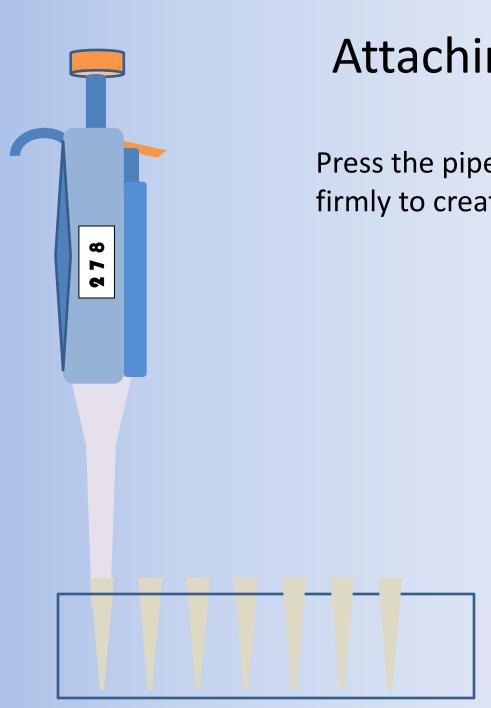
278

Some companies will change the color of the plunger button.

Attaching tip

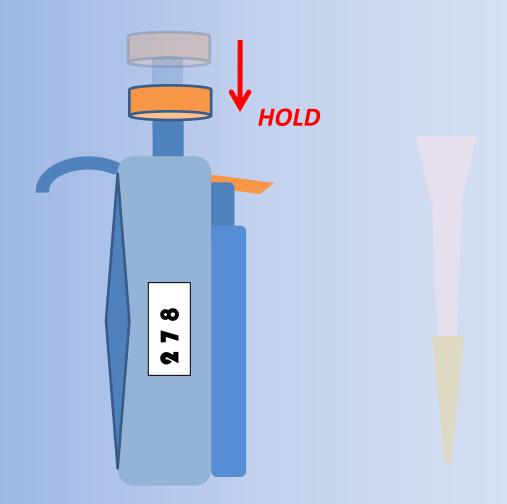
Be sure to choose the proper size tip.



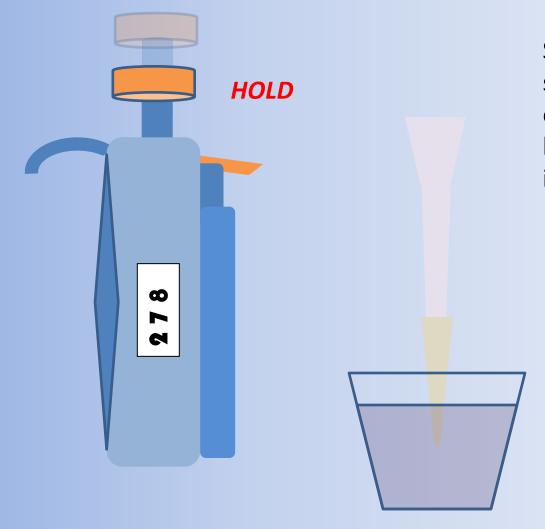


Attaching tip

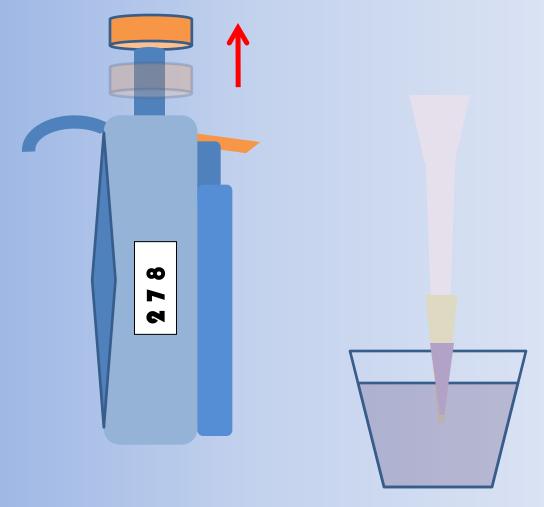
Press the pipette into the tip firmly to create an airtight seal.



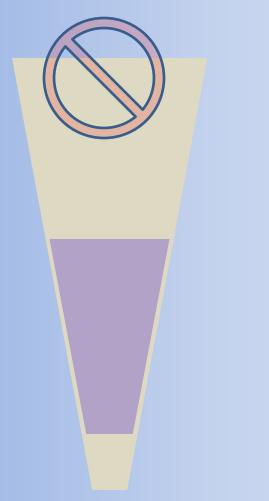
STEP ONE – press plunger to first stop and *hold*.

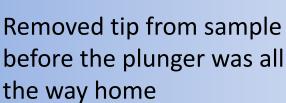


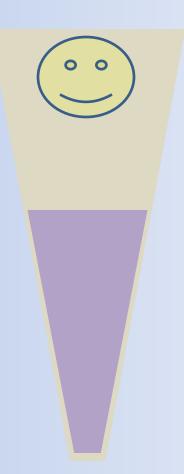
STEP TWO – Insert tip into sample only far enough to ensure it stays submerged but not to the bottom where it will get blocked



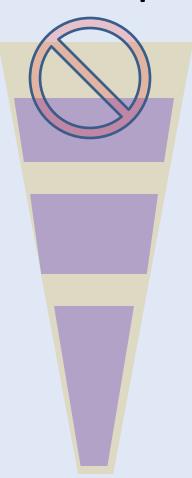
STEP THREE – Allow plunger to return to the home position *SLOWLY* so you don't draw in air bubbles, or splash sample up into tip or the pipette itself.



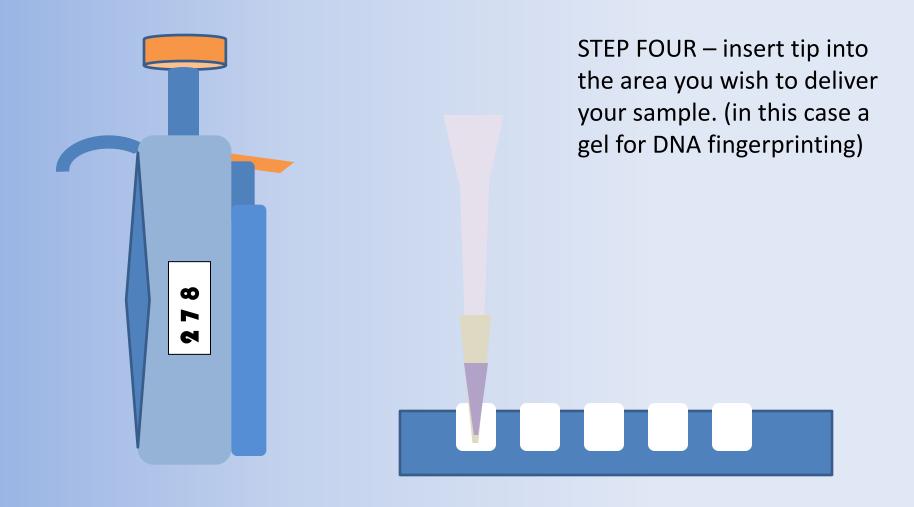


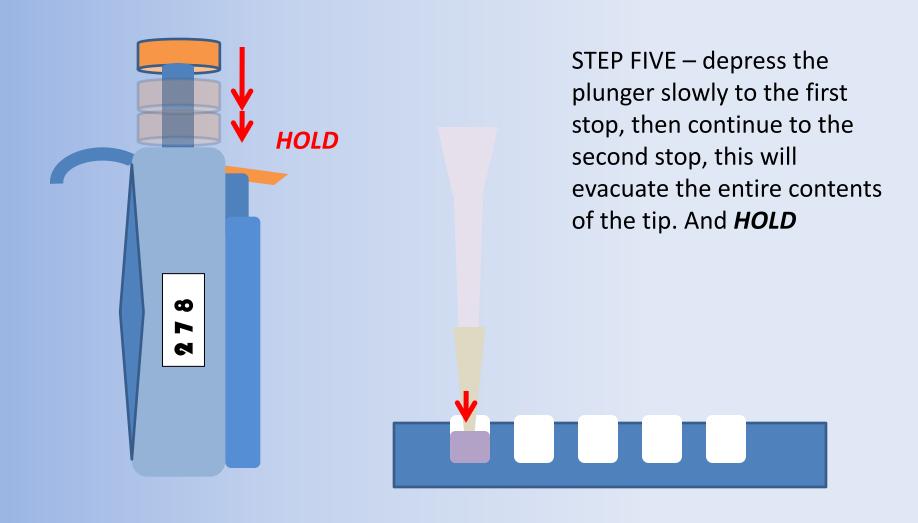


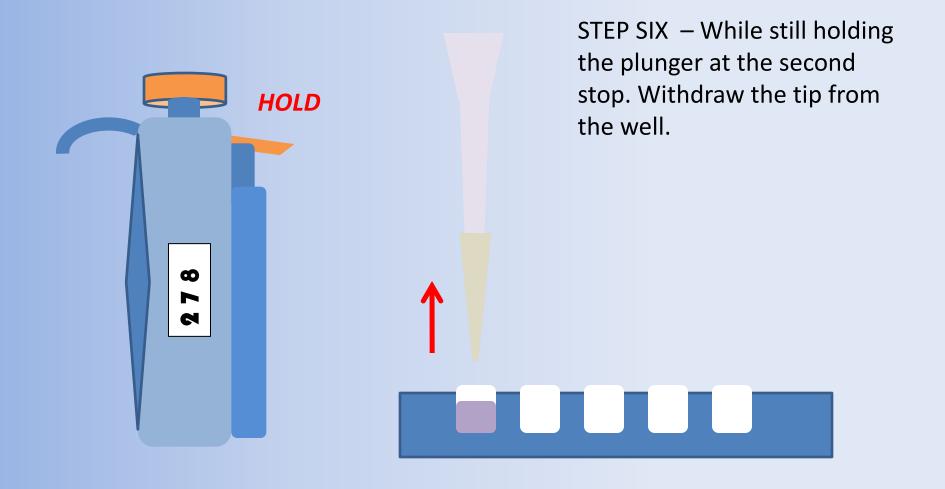
CORRECT

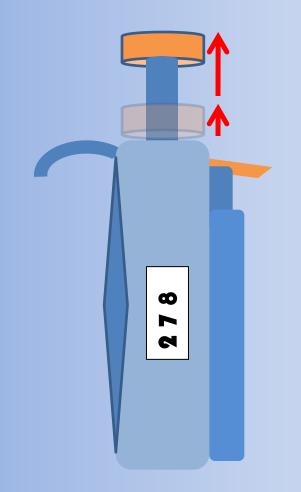


Likely allowed the plunger to move to home too quickly.



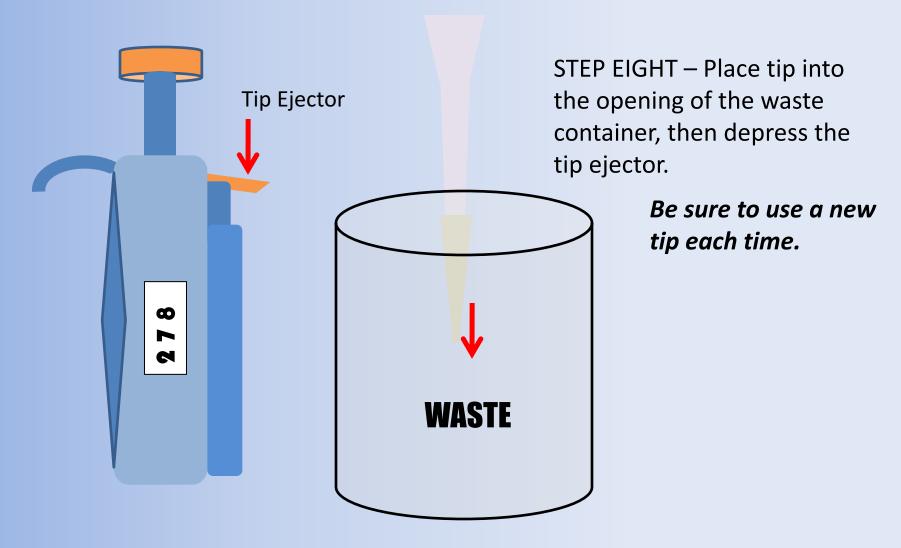






STEP SEVEN – Allow the plunger to return home.

Discarding the Tip



Things to AVOID!!



Never use a pipette in anything but a vertical orientation.

Things to AVOID!!



HAPPY PIPETTING

