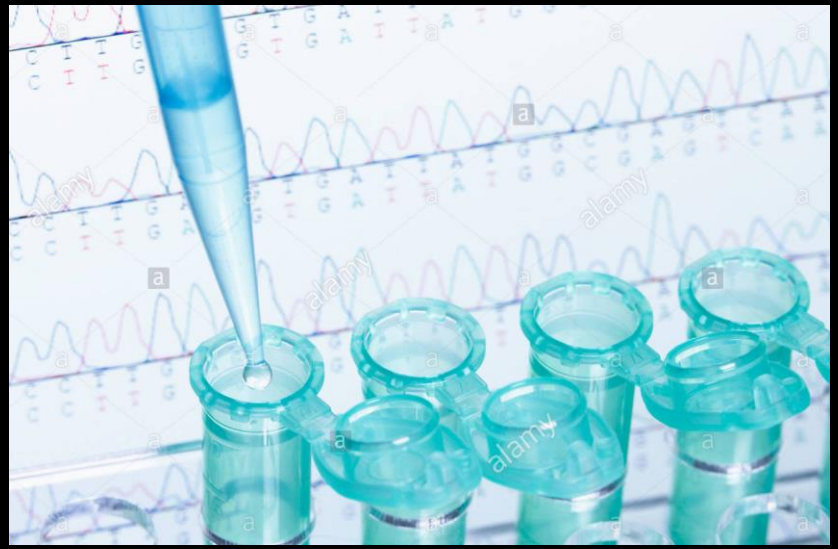
Introduction to Micropipetting



Learning Objectives

- Identify the different parts of the micropipette
- Properly use a micropipette

What is Micropipetting?

Measuring and transferring small volumes of liquids.

What is a Micropipette?

A laboratory tool used to transport a measured amount of liquid.

Parts of a Micropipette

Plunger

Volume Adjustment

Volume Indicator

Plastic Shaft

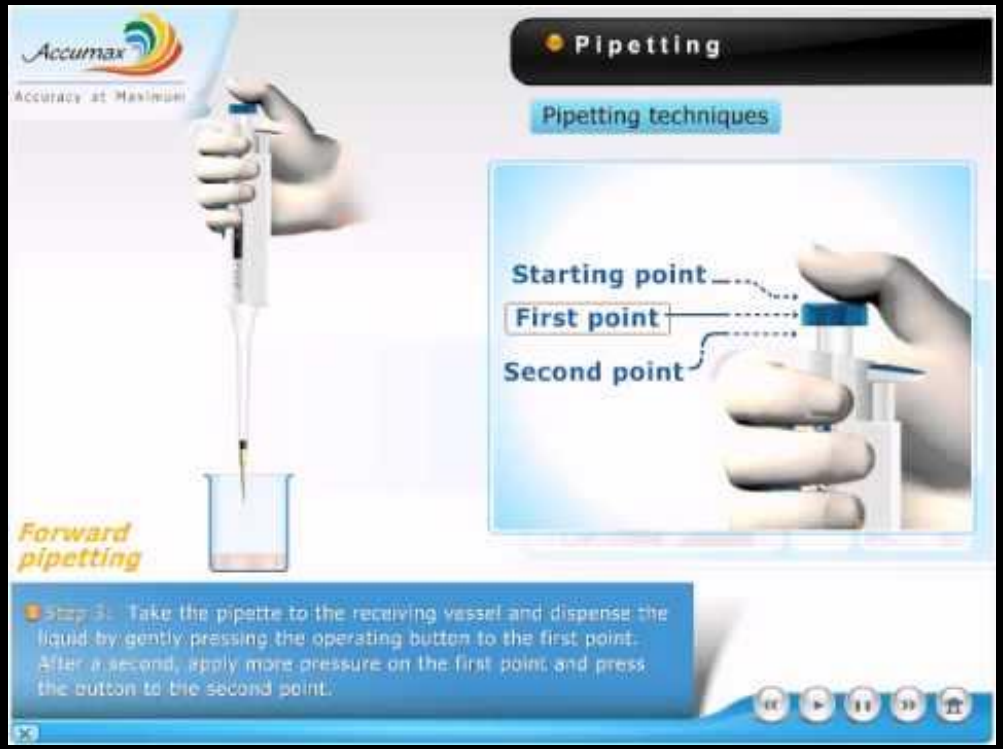
Tip Ejector

Ejector Arm

Tip Attachment

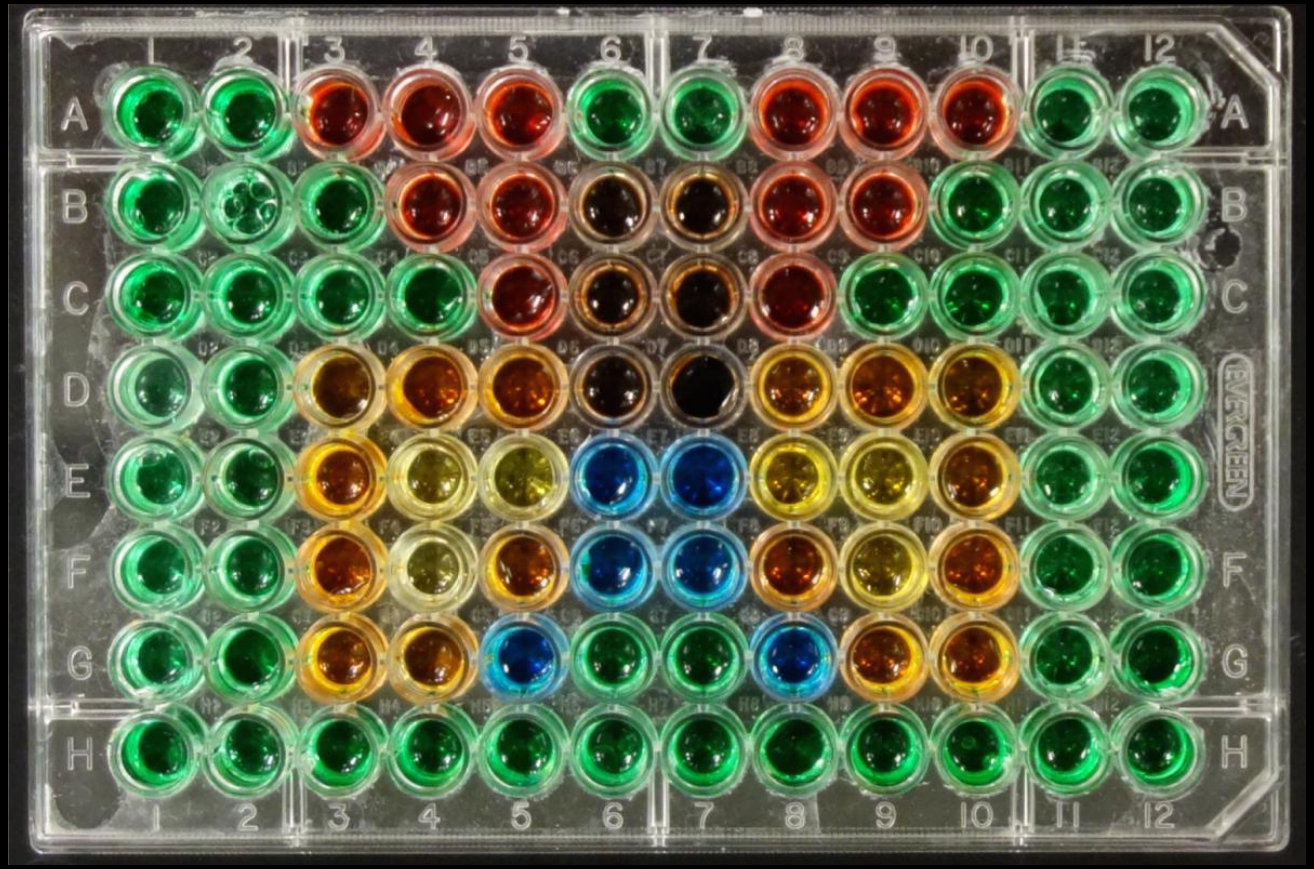
Setting the Volume

Filling and Dispensing



YouTube
Using a Micropipette

Let's Practice Using a Micropipette!



Steps for Micropipetting

1. Twist dial to desired volume
2. Add disposable pipette tip
3. Press plunger to first stop
4. To retrieve liquid, slowly release plunger
5. To transfer liquid, press plunger past first stop to second stop
6. Keep plunger down as you remove pipette
7. Eject tip