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First, take the pH. 4.01 solution and dip the probe. The probe should be absolutely immerse inside the solution. Then in the marrian, we'll put there is a calibration setup and we'll press that. Now it will show one point.

The needing should be stabing.

into the tube. After finishing, always keeps it in the neleased condition, the maximum volume trut can be pipetted.

If we want to exent mone them I and, pipette controller is used with the sendlogical pipettes. There's two buttons, uppette buttons when you priese, it will withdraws fluid. When you stop, it will hold it in that particular volume. Prieseing lower button is going to dispense the liquid.

will wipe for it to bedry.

Caliberating pH metern: Hence 3 different solution will be used and this is known as three point caliberation method.

The solution is previded by the manufacture. One is of pH 401 another is pH 7, other is 10.01. They are all buffered.

These three solutions should be allocated into three falcon tubes.

First, take out the probe from the storing solution. Wash the probe thoroughly with do ionized water. Dabit with a clean tissue. Open the small cap where inside the probe, there's electrolytes defenence and it should be opened before electrolytes defenence and it should be opened before

- solly conform an between the gel inside - At's encire is uniform and this encoured an between each of them. It has a merking platform in which boxes the bexes is being prepenty expered
- of centrifuges. Some monks for plates, some for desthubes Centrifuge: at a used to centrifuge the samples. It is different types of netwer Based on that, there are many types
- and it thenter ice flakes. The Flake machine; St's used to comey but meacher wider cold conditions. It is connected to a water supply country
- Mater Printicotion: St's used to de ionize water

LIF VEHY liquids. For collecting liquids, priess down the plunger on the attached to the pipette. As you picten keeps on going down untill it meets a initial mexistance meaches the second mesistance, second stop. This is for dispersion The How to use a pipette; For a lea and to tip box, slide deuro the lower pention of the pipette, it actually extent a bit more force and go down with it are pressing clown. And the tip will automotically get set at loca. Pipette should be held upside down collect 1 ml of nicely into the tip, give a slight finisting maken white the first stop, hold it there and then dip it salution, thut of all the pipette Keep exenting pressure He 1000 DOLCHO LITCH

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Introduction to Biochemistry Labourary Equipments

Pim: To learn about the blochemistry laboratory equipment

Labercatory Equipment:

- Johnson Ain flow Cabinet: 30 this equipment, there is an ainflow filter and it analytoin an ainflow possitive pressure, which prevents outside ain from entering the enclosed area and that area is sterile. UV lights sterilize the ingen region when not in use and also spirit lamps and burneau are kept where they are lighted and get heat sterilized on alrohol sterilized the region. Useful to work with bacterial culture.
- Decremia in a controlled temperature. It shows us to grow the bacteria from setting down which is detrimental to the growth and it cosumes proper acroation of the culture so that the bacteria can survive. The RPM and the temperature can be set as needed.
- Any Heat Block: It's necessary John maintaining the temperature of the nearties at 100°C. Taking the sample we should place it on top of the block and then it will be maintained at 100°C for however long wanted.
- (A) Water Both: A pention of the tank has water maintained at a certain temperature

Teacher's Signature