

## **pH METER TIPS**

### **If you have a meter with a separate flat probe:**

#### **CALIBRATION:**

Prepare a clean water jar.

Pour just enough 7.0 & 4.0 calibration solution into two saliva cups to cover the bottom of the probe.

Remove the pH probe from its storage container, rinse in clean water, dry with a tissue.

Insert into the 7.0 solution. Turn on meter. If the meter has a temperature dial, set it to room temperature. Turn the calibration knob until meter reads 7.0

Remove probe, rinse in clean water, dry with a tissue.

Insert probe into 4.0 solution. Turn 4.0 adjustment until meter reads 4.0.

Remove probe, rinse in clean water, dry with a tissue.

Re-insert probe into 7.0 solution and adjust calibration until meter reads 7.0.

Remove probe, rinse in clean water, dry with a tissue. Turn off meter.

If you do not move meter between widely varying temperatures, the calibration should hold for weeks, but it is a good idea to check it weekly or at least a couple times monthly.

#### **TESTING: (For all meters)**

Remove probe from storage solution. Rinse in clean water, dry with a tissue.

Place pH probe into urine specimen. Turn on meter. Read meter when display settles. Turn off meter.

Remove probe, rinse in clean water, dry with a tissue, replace in probe storage solution.

Repeat for saliva specimen.

## **If you have a meter that is one piece with a flat probe:**

### **CALIBRATION:**

Pour the 7.0 | 4.0 calibrating solutions into separate containers. I use the saliva cups.

Remove the protective plastic from the top of the battery.

Remove the storage boot and wipe the probe clean.

Place the probe into the 7.0 calibration fluid. Click the power button.

Wait for the display to measure the solution, then click/hold the power button until it shows CAL then release. Wait for the display to move to 7.01.

When it stops flashing under CAL (upper left) or it changes to 4.0 on the screen, remove the probe, rinse in clean water, insert into the 4.0 calibrating solution and wait until it changes to STO (storing). When it changes from STO to the measurement display you may turn off the unit.

You are now calibrated. Unless you subject the meter to an extreme temperature change environment, you shouldn't be required to do this calibration for a few weeks, but always a good idea to keep checking it. NEVER reuse the calibration solution.

There are more instructions that come with your meter for calibration but we have found the above instructions to be easier to follow.

### **TESTING:**

Follow the same testing procedure as mentioned above.