



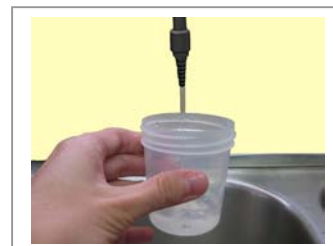
## K100-0118 and K100-0118F\* Ultra-Low Total Chlorine Test Strips Quick Reference Guide

**Note: It is essential to follow all instructions for use (see complete K100-0118/F Instructions #072505)**

### Test Procedure

1) Collect a fresh 100 ml sample of water in a clean, dry plastic sample cup known to be free of chlorine (e.g. RPC # K100-1100 Sample Cup), or rinse the clean, dry sample cup with the water to be tested. (Figure 1).

*Figure 1*



2) Remove one test strip from its foil package and dip it in the room temperature water sample for 20 seconds (see very important “NOTE” below).

A. While dipping the strip, move it back and forth at a constant gentle rate of approximately two, 1-2 inch wide strokes per second (Figure 2).

**NOTE:** As an alternative to measuring the water temperature and using the water temperature chart to determine the dip time for the test strip, it is acceptable to use a 60 second dip time to cover a 37°F to 93°F range of water temperature. This may cause the test result to be biased slightly high when testing in room temperature or warmer water. However, at 0.1 ppm total chlorine in water, the test strip result (reagent pad color) is still expected to produce a close match with the 0.1 ppm color block on the color chart.

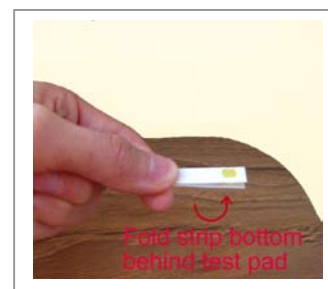


*Figure 2*

3) Remove the strip and shake once, briskly, to remove excess water.

4) **Wait 20 seconds** for the test strip color to develop. While waiting, fold the white plastic handle of the test strip under the test pad area so that it provides a consistent viewing background (Figure 3).  
As an alternative to folding the strip, the reagent pad can be placed directly on the white surface of the color chart when comparing colors.

*Figure 3*



5) **After the 20 second wait period**, immediately compare the strip color to the K100-0118 or K100-0118F color chart to determine the Total Chlorine level in the sample (Figure 4).

**\* NOTE:**

K100-0118F is identical to K100-0118 except that the color chart has the 0.01 ppm and 0.05 ppm color blocks removed.

*Figure 4*



US Patent #6541269

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