

Pooltester User Guide

This guide provides instructions on the correct use of a pooltester kit to measure pH, free residual chlorine (FRC) and total chlorine (TC).

Kit components

Pooltester container, phenol red tablets, DPD 1 tablets, DPD 3 tablets (optional).

Key considerations prior to testing

- 1 Measure FRC between 30 minutes and 48 hours after chlorination of the water supply.
- 2 Ensure untreated water has not been added after chlorination of the water supply.

pH Test

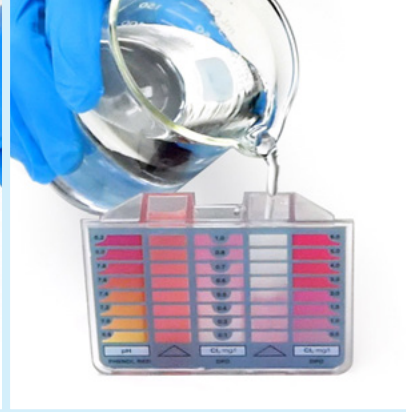


- 1 Rinse pooltester with sample water and discard.
- 2 Add a **phenol** red tablet to the **left hand** compartment. Do not touch the tablet with your fingers.
- 3 Add sample water to fill the compartment and replace the rubber stopper.



- 4 Shake to mix and dissolve the tablet (about **20 seconds**).
- 5 Compare the colour in the sample with the pH scale on the pooltester by holding it up to a window or other bright light. You can also use a piece of white paper as a background.
- 6 Record your results. If the colour is between two levels, record the pH between the points or record it as a range.

Free Chlorine Test



1 Add a **DPD 1** tablet to the **right hand** compartment. Do not touch the tablet with your fingers.

2 Add sample water to fill the compartment and replace the rubber stopper.

3 Shake to mix and dissolve the tablet (about **20 seconds**).

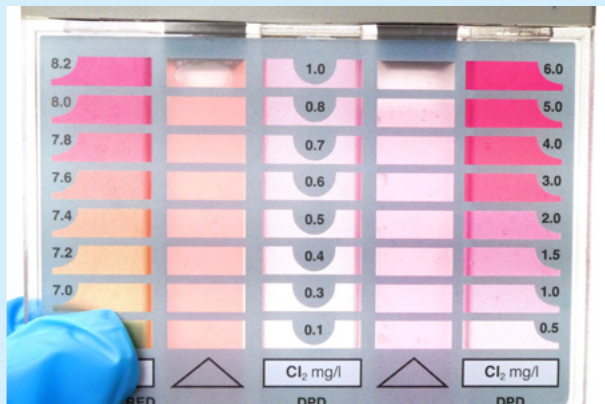
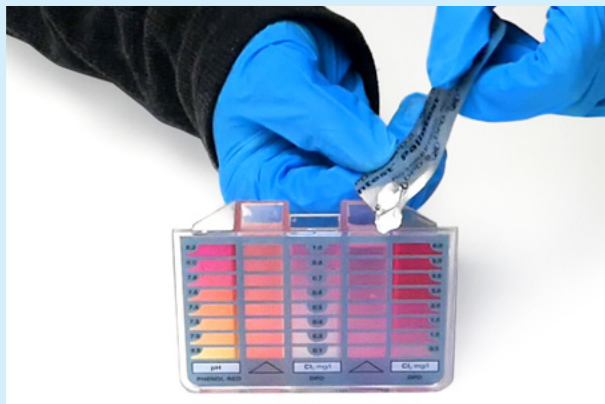


4 Compare the colour in the sample with the chlorine scale on the pooltester by holding it up to a window or other bright light. You can also use a piece of white paper as a background.

5 Use the colour scale in the middle of the pooltester for lighter sample colours (lower chlorine levels) or the scale at the far right if the sample colour is darker (higher chlorine levels)

6 Record your results.
Note: Pooltester kits may give a false negative result when chlorine levels are above 10 mg/L. High levels of chlorine can remove the pink colour formed by DPD in the test, called bleaching. If the colour “flashes” pink and then disappears, this indicates bleaching. If you know chlorine is present in the water, try diluting your water sample with chlorine-free water and re-running the test.

Total Chlorine Test (if needed)



1 Add a **DPD 3** tablet to the same sample containing the **DPD 1** tablet.

2 Shake to mix and dissolve the tablet (about **20 seconds**).

3 Allow the sample to stand for 2 minutes.

4 Follow steps 4-6 in the Free Chlorine Test procedure

