



Instructions for Use Ozone in Water Test Strips K100-0111

Procedure to detect (test for) ozone levels between 0 ppm and 0.4 ppm:

- 1) Dip one test strip into a 50mL or larger water sample with constant, gentle back-and-forth motion for 10 seconds.
- 2) Remove the strip, shake once, briskly, to remove excess water and wait 20 seconds.
- 3) Then, view through the aperture pad to match with the closest color on the bottle label.
- 4) Complete color matching within 30 seconds.

Note: For better color matching view the aperture against a white surface. A suggestion is to fold the white plastic handle of the test strip under the aperture so that it produces a white viewing background (blocks distractions from behind aperture).

Procedure to detect (test for) ozone levels between 0.5 ppm and 1.0 ppm:

- A) Collect a 25 ml sample of the ozonated water to be tested.
 - B) Dilute and mix the 25 ml ozonated test sample with 25 ml of known ozone-free water (distilled, D.I., or RO).
 - C) Immediately test the resulting solution using the K100-0111 ozone test strip and the instructions for use in 1-4 above.
 - D) Compare the color development on the test strip to the color blocks on the ozone test strip bottle.
 - E) Note the test result and multiply it times two (compensates for 50% dilution) to determine the actual ozone level.
- For example: If the ozone level in the initial 25 ml ozonated sample was actually 0.6 ppm, then the test value after 50% dilution should be 0.3 ppm. Record the actual ozone value as 0.6 ppm.

IMPORTANT: KEEP THE CAP ON TIGHT BETWEEN USES. STORE DRY AT ROOM TEMPERATURE.

As with most chemicals, there is a shelf life, beyond which it may not be possible to get accurate test results. Always check the shelf life date on the top of the bottle, and do not use if the date has passed.

Important Note: RPC's Certi-Chek™ Field Verification Program:

Customers purchasing test strips from RPC are required to adhere to all test strip instructions for use, including storage and handling requirements, but are not required to perform the test strip QC tests outlined in the individual test strip instructions for use as these tests are performed for the customer by RPC. Other manufacturers make some of the test strips distributed by RPC. These manufacturers are aware of, and endorse, the RPC policy of performing their test strip field QC tests for RPC customers.

A certificate of conformance for QC validation is available for each test strip type, by lot number. This certificate should be kept on file as proof for surveyors/inspectors – that test strip quality assurance is performed by RPC – when the dialysis center personnel have documentation proving that the strips were purchased from RPC. The certificate of conformance can be faxed to you, or you can download it from the RPC Web site at www.rpc-rabrenco.com. You will need to know the RPC part number and lot number of the test strips for which you desire a certificate of conformance.

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