RPC

DIALYSIS TECHNICAL SPECIALISTS

CHLORINE TEST STRIPS

E-Z Chek® Residual Chlorine Test Strips REF K100-0101B*†

Residual chlorine test strips measure the concentration of chlorine bleach remaining in water being used to rinse out dialysis machines, water distribution loops, and containers. A rapid 5 second qualitative screening will detect levels above 0.5ppm/mg/L (AAMI limit) and readings between 0 and 5 ppm at 30 seconds.

E-Z Chek® Sensitive Total Chlorine & Chloramines Test Strips REF K100-0106*†

Sensitive Total Chlorine & Chloramines test strips indicate low levels of total chlorine (chloramines/free chlorine) at 0.1 ppm (AAMI limit) in purified water used to prepare dialysate and monitor chlorine/chloramines breakthrough between worker and polisher carbon tanks. Our strips can also be used to measure residual chlorine at 0.5 ppm (AAMI limit) following bleach disinfection of hemodialysis equipment and water distribution loops. Lastly, these strips can be used for monitoring chlorine levels in potable water delivered to your facility. The EPA potable water maximum allowable concentration for chlorine is 4 ppm and should be monitored periodically. Color blocks are indicated at 0, 0.1, 0.5, and 4 ppm.

E-Z Chek® High Range (Potency) Chlorine Test Strips REF K100-0112†

High Range Potency Chlorine test strips are used for validating the potency of 1:100 (500ppm) chlorine solution used to disinfect water system loops, external surfaces, and medical equipment. The Centers for Disease Control (CDC) recommends a level of 500-615 ppm of available chlorine for adequate disinfection. These strips offer accurate results in 60 seconds with easy to interpret color changes. Color blocks are indicated at 100, 200, 350, 500, and 750 ppm.

Ultra-Low™ Total Chlorine Test Strips REF K100-0118/F*†

Ultra-Low™ Total Chlorine test strips are designed specifically for testing very low levels of chlorine (chloramines/free chlorine) in water. The AAMI limit for purified water used to prepare dialysate is 0.1 ppm. Color blocks are indicated at 0.0, 0.01, 0.02, 0.05, 0.1, 0.2 and >0.2. These unique, non-DPD reagent strips eliminate the potential for manganese interference. Each test strip is preserved within a sealed foil wrapper. Sensitivity of the test strip is enhanced with our patented flow-through aperture.

DISINFECTANT TEST STRIPS

Low Range Chlorine Dioxide Test Strips REF 481028

Low Range Chlorine Dioxide (ClO2) test strips provide an easy and accurate method for determining low levels of Chlorine Dioxide in water, expressed in parts per million (ppm, mg/L). These test strips ensure safe levels in water below US EPA and AAMI TIR58:2014 maximum allowable levels of 0.8 ppm (mg/L) in drinking water.

Micro-X® Peroxide / Peracetic Acid Residual Test Strips REF K100-0100*†

Micro-X® Peroxide/Peracetic Acid Residual test strips are designed for use in testing residual levels of Micro-X® disinfectant/sterilant and other substantially equivalent peracetic acid (PAA) germicides, such as Renalin, Peracidin, Minncare, to the maximum allowable AAMI limit of <3ppm (mg/L).

Micro-X® Peracetic Acid Potency Test Strips REF K100-0105*

Micro-X® Peracetic Acid Potency test strips are used to measure the adequate strength (1% or ≥500 ppm) of peracetic acid (PAA) germicides when disinfecting dialyzers, water systems, dialysis machines and other medical equipment.

E-Z Chek® Ozone (In Water) Test Strips REF K100-0111*†

E-Z Chek® Ozone (In Water) test strips are designed to detect both potency and residual levels of ozone in water used for hemodialysis and other medical/industrial applications. E-Z Chek® test strips ensure compliance with the AAMI limit of 0.1 ppm. Color blocks are indicated at 0.0, 0.05, 0.1, 0.3 and > 0.5 ppm.

HARDNESS TEST STRIPS

Water Hardness Test Strips 0-120 ppm, REF K100-0102†

Water Hardness test strips provide an analysis of low level water hardness after softening, expressed in grains per gallon (gpg), ppm (mg/L) and German degrees of hardness (dH). The measuring range for this strip is up to 7 gpg, 120 ppm and 6.7 dH. These strips ensure compliance with AAMI RD52's limit of 1 gpg.

Total Hardness, High Range Test Strips 0-425 ppm, REF K100-0102HR†

Total Hardness High Range test strips provide an indication of total hardness. These high range test strips can be used prior to the softener as an aid in determining the amount of softening required pre-reverse osmosis (RO) system. The measuring range for this strip is 0-25 grains per gallon (gpg), 0-425 parts per million (ppm), and 0-23.9 German degrees of hardness (dH).

pH TEST STRIPS

E-Z Chek® 0-14 pH Test Strips, 1.0 increments, REF K100-0104*†

E-Z Chek® 0-14 pH test strips are indicated for use in testing the pH of source water. Routine pH monitoring of water used for dialysis increases patient safety and ensures proper functioning of dialysis water treatment systems.

E-Z Chek® 4.5-10 pH Test Strips, 0.5 increments, REF K100-0104.5*†

E-Z Chek® 4.5-10 pH test strips are indicated for use in testing the pH of water used for preparing dialysate and other medical applications in compliance with AAMI TIR58, 6.0-8.0. Routine pH monitoring of water used for dialysis increases patient safety, and ensures proper functioning of dialysis water treatment systems.

E-Z Chek® 6.8-8.5 pH Test Strips (Bicarb/Acetate Dialysate), REF K100-0117*†

E-Z Chek® 6.8-8.5 pH test strips are used to determine the pH of bicarbonate/acetate dialysate and bicarbonate concentrate in compliance with AAMI RD52, 6.9-7.6. On the color scale, a red line square surrounds the 6.8 and 7.8 pH values which are outside the AAMI recommended range for final dialysate. An additional color scale includes two color blocks at 8.0 and 8.5 pH to validate proper mixing of bicarbonate concentrate.

E-Z Chek® 6.8-8.5 pH Test Strips (Citrate Dialysate), REF K100-0117CT*†

E-Z Chek® 6.8-8.5 pH test strips are used to determine the pH of bicarbonate/citrate dialysate and bicarbonate concentrate in compliance with AAMI RD52, 6.9 to 7.6. Each test strip has two color pads designed to give maximum color differentiation and clarity across four pH increments. On the color scale, a red line square surrounds the 6.8 and 7.8 pH values which are outside the AAMI recommended range for dialysate. An additional color scale includes two color blocks at 8.0 and 8.5 pH to validate proper mixing of bicarbonate concentrate.

CLINICAL TEST STRIPS

E-Z Chek® Blood Leak Test Strips, REF K100-0114*†

E-Z Chek® Blood Leak test strips provide a convenient method to identify the presence of blood in dialysate if a dialyzer membrane leak is suspected during the hemodialysis procedure. AAMI recommends blood leak monitors on the dialysis machine activate an alarm if blood escapes through the membrane at a rate of 0.35 mL/minute or greater. E-Z Chek® Blood Leak test strips yield positive readings at 0.25 mg/dL of hemoglobin which is more sensitive than the AAMI recommended threshold for blood leak monitors providing an increased margin of safety.

ACCESSORIES

Sample Cup, 0-120 mL, REF K100-1100

RPC Sample Cup for use with RPC's full line of test strips.

Ultra-Low™ Chlorine Color Chart, REF 480007-CC

Additional color cards for use with RPC's Ultra-Low™ total chlorine test strips, K100-0118.

*FDA Cleared, †NIST Traceable