



MODERNWATER

PRODUCT PROFILE

QuickChek® Testing Products

1. QuickChek is accurate

The QuickChek test detects all viable and non-viable SRB cells in a sample, even thermophilic SRBs and cells that don't grow in media because of stress or incubation-temperature limitations. Each batch of test kit reagents is calibrated with pure SRB cells to ensure accuracy. In extensive testing and field use, the QuickChek test has *never* been affected by chemical or salinity interferences.

2. It's extremely fast

If you have just eight minutes to run a simple test and ten minutes to wait for the color reaction, you can have accurate test results to use *right away*. You can run two or three tests simultaneously; you can retest immediately. This means you won't have to return to the site or delay treatment. Use QuickChek to measure the effectiveness of your biocide kill. If any bacteria survived, you will know.

3. Simple to run

We've made the QuickChek test simple to run. Each boxed kit has step-by-step instructions printed right on the packaging. Each Ten-Pak and Economy-Pak also contains a comprehensive User's Guide featuring additional information and helpful advice.

4. You can enhance the detection limit

QuickChek has a standard detection limit of 10^3 SRB cells/ml. The detection limit for "clean" waters, such as injection waters, can be lowered to 10^2 or 10^1 by processing a larger sample of 100 ml or 1 litre, respectively.

Ten Important Reasons to Use the New QuickChek SRB Detection System

5. Totally self-contained and disposable

When you pick up a QuickChek test kit, you are holding everything you need to detect and enumerate sulfate reducing bacteria. You won't need syringes because there is no need for serial dilution. Pretreatment is unnecessary; so you won't need expensive incubators and ultrasonic baths. No sonicators. All you need is the four-ounce kit you are holding. When you are through with a test kit, dispose of it. There are no hazard limitations.

6. No refrigeration required

The freeze-dried reagent in QuickChek can be maintained for six months at room temperature with no loss of efficacy. The kits can also withstand freezing temperatures and temperatures of 100°F (38°C) for several weeks. You can confirm kit reactivity using the positive control included in every Ten-Pak and Economy-Pak.

7. Handles solid samples

The new chemical lysing agent in QuickChek penetrates solid particles to release the target enzyme, APS Reductase, from the solid mass. You can quantify SRBs in sediment, scale, rust, mud, and biofilms.



MODERNWATER

QuickChek® Testing Products

8. Economy-Pak for high volume users

If you conduct as many as twenty SRB tests per month, the discounted price of the QuickChek Economy-Pak (100 kits) represents a practical way to reduce your cost per test. Our Economy-Pak is easy to store, too. It's only four inches wider than our Ten-Pak, yet it holds ten times as many test kits.

9. Technical support

With QuickChek, you have the committed resources of Modern Water, and the support of our worldwide distributor network.

10. Technical literature

Immunochemical detection is leading-edge technology. To help you take advantage of this new technology, we have prepared a series of briefs.

Ten Important Reasons to Use the New QuickChek SRB Detection System

Contact us if you would like to receive technical briefs on using QuickChek for:

- Drilling muds testing
- Corrosion coupons testing
- Solid samples testing
- Enhancing test sensitivity
- Testing water associated with oil

	Dimensions	Weight
Ten-Pak	15 1/2" x 10 1/4" x 6' 39.4 x 26 x 15.2cm	4 lb 1.93 kg
Economy-Pak (100 bagged kits)	19 1/4" x 13" x 8" 48.9 x 33 x 20.3cm	10 1/4 lb 4.65 kg



MODERNWATER

Modern Water Inc
15 Read's Way, Suite 100
New Castle, DE 19720

Direct: 302-669-6900
Toll Free: 855-637-6426
Fax: 877-766-3944
web: www.modernwater.com