

Micro Tester Pro

Coliform

Fast • Accurate • Easy To Use
Self-filling Test Ampoules

Water Test Kit



Overview

Micro Tester Pro kits are designed for users who need to conduct multiple tests. A sample cup is filled and a stand-alone ampoule is placed in the cup tip down, the tip is snapped and sample water automatically fills the ampoule. The test may be run manually by observing a color change in the ampoule or by placing the ampoule inside a chamber in the Incubator/Autoanalyzer instrument and reading a CFU count on an LCD screen.

Operation Steps

Step 1: Snapping



Using the water to be tested, rinse the Sample Cup 3 times and then fill with sample water.

Place the tip of the test ampoule down into one of the slots in the bottom of the filled Sample Cup and push gently against the tip to break the tip of the ampoule. The test ampoule will automatically fill with the sample water. Keep the ampoule tip in the sample until completely filled,

Gently rock the filled test ampoule back and forth for 30 seconds (longer if the sample is cold water) to mix the test reagent. After mixing, incubate at 95°. Periodically compare the ampoule color to the color chart to view results, or select a control limit and check once. If utilizing the Instrument, place ampoule in the test chamber and run test.

Step 2: Reading Test Results

Visual



Start End

(pale blue) (yellow, with or without bubble)

or

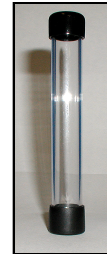
Instrument



(optional)

Carry/Incubation

Tube



(optional)

Observe Results

An inner tube is included in this test to collect the production of CO₂ by Coliform bacteria during the fermentation process. At the end of the test observe the inner tube for the production of a small bubble.

Results: Test remains BLUE, no gas bubble: COLIFORM NEGATIVE
 Test turns YELLOW, no bubble - acid Pos. gas Neg: CF POSITIVE
 Test turns YELLOW, bubble - acid Pos. gas Pos: CF POSITIVE

QUANTITATIVE TEST RESULTS

ELAPSED TIME NUMBER (CFU)

DANGEROUS	2 Hours	18,000,000 c
	3 Hours	3,500,000 c
PROBLEM	4 Hours	680,000 c
	6 Hours	26,000 c
CAUTION	8 Hours	970 cf
	9 Hours	190 cf
	10 Hours	36 cf
	15 Hours	4 cf
OKAY	16 hours+	2 cfu or less

Color

Inspection Time

	4 Hours	12 Hours	24 Hours
START	Negative	Negative	Negative
Yellow	Dangerous	Problem	Warning

Test Kit Contents: Each test kit comes in a box equipped for 8 or 30 stand-alone tests. Each kit consists of the following components: self-filling test ampoules with premixed reagent, a sample cup, ampoule boots and de-chlorinating solution..

Ampoule Shelf Life: 4+ years.

Part # ST90037 (box of 30), ST90038 (box of 8)