

Portable Microbiology Lab Workshop

- Host a PML training
- 2 day Training for 10-20 participants

Training Includes:

- ✓ Simple explanation to share with communities with little or knowledge of microbiology
- ✓ Hands-on Water Testing for different scenarios
- ✓ Suggested effective uses of PML to enhance WASH Education
- ✓ 10-20 PML Starter Kits (enough for 500-1000 tests)

Please email: info@asdfsafewater.org for more information about the workshops. Please indicate if you would like to host a workshop for your NGO, community or school.



What is included in the PML Starter Kit?

- 25 10ml colilert test
- 25 Petrifilms (1 packet)
- 25 Whirl-Pak
- 25 Pipettes
- 1 UV light
- 1 Plastic Spreader
- 1 marker
- Directions for use and storage
- Fits in a gallon size bag
- ***Refill also available***



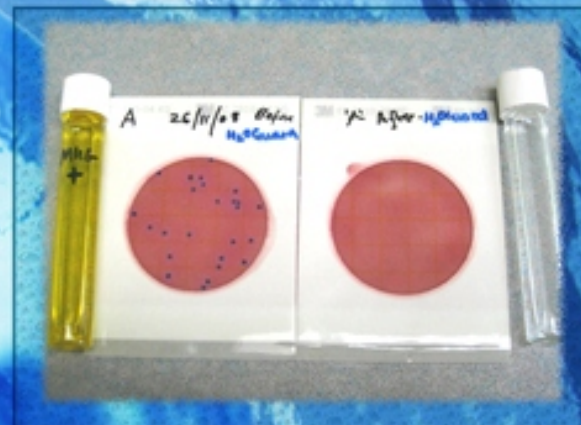
The Missing Link

The Portable Microbiology Lab takes the mysticism out of micro-biology. It allows any person with a minimal amount of training to conduct and interpret valid microbiological tests and can indicate and quantify the presence of e-coli to determine if water is contaminated or safe for drinking.

How can the PML be used?

- ✓ To determine the presence of E-coli in water
- ✓ As an educational tool to improve Water, Sanitation and Hygiene (WASH) Education Outreach Campaigns
- ✓ To determine the effectiveness of household and community water treatment systems
- ✓ To encourage communities to change behaviors to reduce water-related disease
- ✓ To empower communities with the information to take action and introduce simple interventions to protect and preserve their water resources

The Portable Microbiology Lab



A BREAKTHROUGH
in Water Testing for
the Developing
Countries



A SINGLE DROP
FOR SAFE WATER

*communities united
through water*

A Single Drop for SafeWater, Inc.
www.singledrop.org
+63.48.434.1101

Test for E-Coli in 3 Easy Steps



Step 1: Apply Water

Collect samples and apply
water to tests

WHO CAN WATER TEST?

ANYONE

- ✓ You don't have to be a microbiologist to use the PML
- ✓ You don't have to be a laboratory technician to use the PML
- ✓ With proper training, you can test the water yourself



Step 2: Incubate

Incubate the tests using
your body heat

WHERE CAN I WATER TEST?

ANYWHERE

- ✓ You don't need a lab
- ✓ You don't need expensive equipment
- ✓ You don't have to send the samples and pay a lab to give you the test results



Step 3: Observe Result

See results in 18-24 hours

WHEN CAN I WATER TEST?

ANYTIME

- ✓ You don't need to test during lab hours
- ✓ With proper training, you will learn how to interpret the results
- ✓ For a very low price, you can assess your water situation AND TAKE ACTION