

# BACTIQUANT® WATER TEST KIT INSTRUCTIONS

## ML HUMIDIFICATION SYSTEM SAMPLE

### Components

- (2) Sterile bottles
- (2) Labels for sterile bottles
- (2) Disinfectant wipes
- (2) Ice blocks
- (1) Shipping label

! Take water samples any day between Monday through Thursday!

1 Place ice blocks in freezer for a minimum of 3 hours (or until frozen).

2 Retrieve the sample of water from the pump station.

- Locate the red test valve on the ML pump station, see Figure 1.
- Wipe the test valve orifice with a disinfectant wipe.
- Open the test valve to release the flow of water.
- Bleed water from the orifice for 3 seconds before retrieving the sample.
- Retrieve a sample of water from the test valve.
- Fill the sample bottle to its neck.
- Seal the bottle with its cap.
- Close the test valve on the ML pump station.
- Label the bottle with the current date, time, and the word "PUMP".



Figure 1

3 Retrieve the sample of water from the nozzle.

- Locate a nozzle to test and determine what zone the nozzle is located in.
- On the PLC display, change the relative humidity set point in the zone used for sampling to 60 - 80% during the time of sampling.
- Close the ball valve on the humidification head that has the nozzle intended for testing.

- Remove the nozzle by unthreading it from the fitting.
- Wipe the fitting orifice with disinfectant wipe, see Figure 2.
- Slowly open the ball valve on the humidification head that has the test nozzle.
- Bleed water from the orifice for 3 seconds before retrieving the sample.
- Retrieve a sample of water from the nozzle fitting orifice, see Figure 2.
- Fill the sample bottle to the neck of the bottle, and seal the bottle with the lid.
- Close the ball valve and rethread the nozzle.
- Return the humidity set point or the PLC to the original level.
- Label the bottle with the current date, time, and the word "NOZZLE".



Figure 2

4 Remove the ice blocks from the freezer.

5 Pack the test kit box with the ice blocks and the sterile bottles full of sampled water.

6 Secure the test kit box with shipping tape.

7 Apply the shipping label to the outside of the box.

8 Ship the box on any day between Monday through Thursday immediately after samples are packaged.

### Reminder


- Do not introduce any contaminants to
- the sterile bottle or lid
  - the nozzle fitting, or
  - test valve orifice after disinfection.

# BACTIQUANT® WATER TEST KIT INSTRUCTIONS

## OTHER WATER SOURCE SAMPLE

### Components

- (2) Sterile bottles
- (2) Labels for sterile bottles
- (2) Disinfectant wipes
- (2) Ice blocks
- (1) Shipping label

 Take water samples any day between Monday through Thursday!

**1** Place ice blocks in freezer for a minimum of 3 hours (or until frozen).

**2** Retrieving the sample of water from other water source(s), if not sampling from a ML system.

- Locate the desired area where water may be sampled from.
- Wipe the retrieval area with a disinfectant wipe.
- Bleed water from the retrieval area for 3 seconds before retrieving the sample.
- Retrieve a sample of water from the desired location.
- Fill the sample bottle to it's neck.
- Seal the bottle with it's cap.
- Label the bottle with the current date, time, and a brief description for the source of the water.

### Reminder

- Do not introduce any contaminants to
- the sterile bottle or lid
  - the nozzle fitting, or
  - test valve orifice after disinfection.

**3** Remove the ice blocks from the freezer.

**4** Pack the test kit box with the ice blocks and the sterile bottles full of sampled water.

**5** Secure the test kit box with shipping tape.

**6** Apply the shipping label to the outside of the box.

**7** Ship the box on any day between Monday through Thursday immediately after samples are packaged.