

Vista Enterprises Incorporated

Presents:

MoniTek™

A First Line of Defense for Sanitation

PO Box 475, Rio Vista, CA 94571 USA

Phone 925-755-0511, fax 925-755-0811

E-mail: info@vistaenterprisesinc.com

www.vistaenterprisesinc.com



MoniTek™

Rapid Test For:

- **Food Service & Preparation**
- **Hospitals and Nursing Homes**
- **Cosmetic Industry**
- **Beverage Industry**
- **Water Testing**





What is MoniTek:

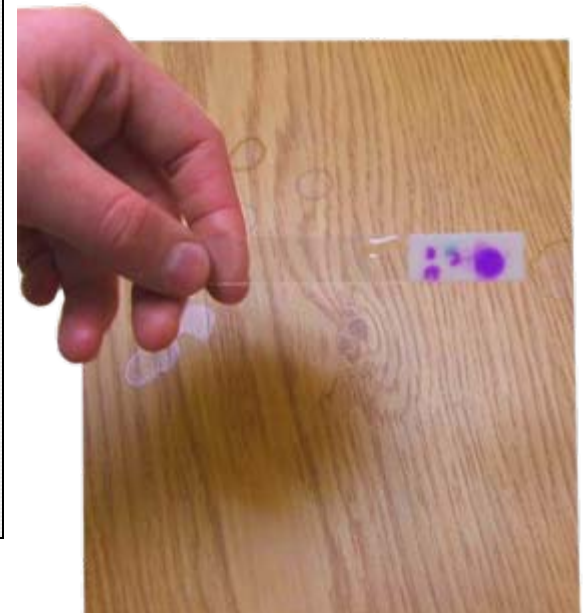
- **Based on unique enzymatic testing**
- **Identifies bacteria, not ATP or sugars**
- **Fast results on the spot in 20 minutes**
- **Inexpensive - no equipment or laboratory necessary**
- **Accuracy greater than 98% if more than 1,000 organisms present per test strip**
- **Readily available**
- **Disposable**



Core Technology:

Enzyme detection system consisting of synthetic substrates which, in the presence of enzymes specific to the microorganism, causes a chemical reaction.

This reaction, when coupled to a developing agent, causes a color to appear on the filter membrane.





Competing Technologies:

- **Culture**
24 to 48 hour incubation
- **ATP**
Detects ATP only. ATP does not differentiate between bacteria and any other organic cell (animal or vegetable). It is well established in the literature that greater than 10,000 CFU/ml must be present on the swab for an ATP test to be valid.
- **Spot Check**
Detects only sugar. Does not differentiate between bacteria and sugar residual.





Advantages of MoniTek:

- **MoniTek confirms the presence or absence of a surface bacteria above normal background levels**
- **Identifies actual bacteria, not ATP or sugars**
- **No extra equipment needed**
- **No expensive instrumentation or laboratory necessary**
- **Three easy steps**
- **Results on the spot in 20 minutes**



Testing Procedure:

- 1. Add 1 - 2 drops of Reagent A to the membrane of the MoniTek test strip.**
- 2. Obtain a specimen by rubbing a surface with the MoniTek test strip.**
- 3. Add 1 - 2 drops of Reagent B to membrane of the MoniTek test strip.**
- 4. Wait 20 minutes**
- 5. Add 1 -2 drops of Reagent C to the membrane of the MoniTek test strip.**
- 6. Wait 1-2 minutes.**
- 7. Immediately read the test results on the MoniTek test strip.**

A purple color is a positive reaction.



Customized Kits:

Vista Enterprises Incorporated (VEI) MoniTek kits are designed to serve as a screening tool to look for “hot spots” that contain dangerous levels of bacterial contamination.

VEI can custom design kits for customers that have specific requests such as for a specific bacteria or a particular level of detection.

Please contact VEI if you have such a request.