



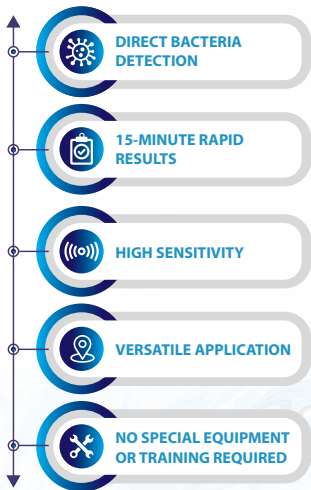
**BIO-ORGANIC CATALYST**  
THE POWER IN NATURE®

# M/D 1.0™

## Microbial Detection

### Rapid Pathogenic Bacteria Test

## Key Points



The M/D 1.0™ Microbial Detection Test employs cutting-edge technologies of antibodies that target and identify the presence of bacteria directly. This innovative approach bypasses the need for detecting mere chemical traces or secondary byproducts of bacteria.

The test streamlines the testing procedure and substitutes traditional plating or culture testing methods. This not only saves time, but also simplifies the entire process and eliminates the necessity of sending the samples to the lab.

Boasting an exceptional sensitivity level at fewer than 100 CFU per milliliter for E. coli, the test's reliability is backed by an independent validation study conducted at the renowned Purdue University's Cytometry Laboratories.

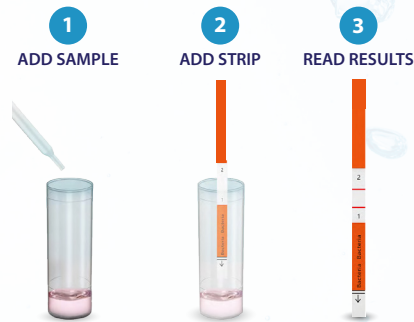
Designed for adaptability, the M/D 1.0™ Microbial Detection Test is capable of delivering results in the most challenging environments. Whether it's a vessel in the ocean or a well situated in a remote location, this test stands ready to detect bacterial contamination.

The test is ingeniously designed to operate without the need for electrical power, specialized laboratory conditions, or any specific reagents, making it accessible even to those without specialized training in microbiological methods.

## Detects

- E. coli
- Klebsiella
- Salmonella
- Pseudomonas
- Staph Epidermis
- Enterobacter Cloacae
- Proteus Mirabilis
- Bacillus Subtilis
- Staphylococcus (Aureus, Epidermidis, Saprophyticus)
- Bacillus Cereus
- Corynebacterium
- Enterococcus
- Actinomyces Turicensus
- Morganella Morganii
- Streptococcus Pyogenes
- Vibrio
- Legionella

## Works In 3 Simple Steps



# Product Features

**Peak Sensitivity:** Our product is recognized as the most sensitive rapid test on the market. It detects bacteria at less than 100 CFU/ml. Independent studies from a prestigious US-based university substantiate this claim.

**Swift & Comprehensive:** 15-minute results at the point of use, with no lab required. It comprehensively identifies all bacteria types, including coliform and non-coliform strains, safeguarding against a wide array of contaminants.

**Simplicity & Accessibility:** Our test is designed for ease, allowing anyone to conduct it anywhere, anytime. This user-friendly approach eliminates the need for specialized training or equipment, making it accessible to all.

**Affordable Quality:** Cost-effective solution for routine water testing. Our product ensures high-quality results, making it an economical choice for organizations and individuals alike.

**Adaptable Across Settings:** The test is suitable for a multitude of environments, whether residential, commercial, or industrial, adapting to various needs and ensuring water quality everywhere.

## Test Applications

- Pool/Spa/Waterpark
- Water Storage
- Dental Water
- Waste/Recycling Water
- Vessel/Ships/Yachts
- Industrial Water
- Aqua Culture/Fish Farming
- Environmental Water
- Cholera and Legionella Sensitive



**Sensitive**  
100 CFU/ml for E. coli



**Freshwater up to**  
40,000 PPM salt



**Up to 24 months**  
shelf life



**15 minutes, no**  
incubation necessary

## Order Today!



**BIO-ORGANIC CATALYST**  
THE POWER IN NATURE®

1.949.515.1301  
info@bio-organic.com  
bio-organic.com



Scan for info!

M/D 1.0™ is exclusively manufactured for Bio-Organic Catalyst, Inc. by Silver Lake Research, developers of advanced detection technology since 1992.

US Patent 9,052,314