



---

Announcing a new **Micro Test for Wine Spoilage Organisms  
PCR Detection & Confirmation**

**Wine Spoilage Micro Test - MultiPlex (or Single Target) PCR**

**Simultaneous detection of: Brettanomyces, Zygosaccharomyces, Saccharomyces, Lactic acid bacteria, Acetobacter, Gluconobacter, Oenococcus.**

- **Limit of Detection: 1 - 10 cells/mL**
- **PCR Operation & Detection: 2 hours**

**DESCRIPTION:** The Micro Test consists of two steps:

**Concentration** by centrifugation

**PCR Detection** of the target organisms by polymerase chain reaction (PCR).

**Amplification:** Primer probes unique to each spoilage organism are multiplexed & amplified.

**Visual Detection:** Amplified products are applied to Lateral Flow (LF) strips which bind hybridized amplicons to complementary regions – providing visual detection of organism(s) and lateral flow validity.

**Components (24 tests)**

Lysis Solution  
Taq Bead (3 strips of 8 strip tubes)  
PCR Buffer  
Lateral Flow strips (24)  
Detection Reagent

**Required but not included (priced separately):** Portable Thermocycler (\$1,000), Pipettors & tips, 1.5 & 2mL polypropylene tubes, 50mL conical tubes, Microfuge capable of 3,000 g, Vortex Mixer, Lateral Flow Strip Reader (optional.)

**(Optional:)** Wine Spoilage Enrichment Media, Distilled Water [for media preparation], Magnetic Stirrer & stir bar, Autoclave, Incubator [30C.]

Developed & Manufactured by:  
Microbiologique Inc., Seattle, WA 98115 USA

**Distributed by Unitech Scientific**, contact us for more information.

1-18