

Brettanomyces detection made fast and easy!

Detect low levels of Brettanomyces with the
Z-Brett™ Assay



Protect your wine!

- Results in 3 hours
- Performed on-site
- Easy to use & read
- Sensitivity rivals PCR
 - ✓ Detect 1,000 CFU/mL
- Inexpensive
- Correlates with culture

Get results in time for you to take action. Monitor wine in your tanks and barrels. Protect your profits. The robust Z-Brett™ detection system includes sampling & quantitation tools.

Contact US - Unitech Scientific.

We want to show you how Z-Brett™ can fit in your quality plan!



Z-Enology

From **Z-Wine Co.**
Anaheim, CA

distributed by **Unitech Scientific LLC**

Hawaiian Gardens CA (562) 924-5150 www.unitechscientific.com

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The Z-Brett™ assay protocol is a **Simple, Visually-read, Antibody-Detection** system:

Sample wine from tanks / barrels (Unitech offers the UniBRETT Sampler to optimize sampling)

Prepare Sample

- ✓ centrifuging 1mL of wine (Unitech offers a low-cost Mini microfuge)
- ✓ washing the pellet
- ✓ resuspending in 100uL buffer

Assay & Detect

1. Apply Sample: Pipette 5 μ L of each sample onto the chip (in duplicate)
Dry chip for 30 minutes under a lamp (or overnight at room temperature)
2. Add Destain/Blocker, mix & let stand,
3. Add 5 drops of Anti-Brett Antibody – mix and let stand. Drain dish
4. Add buffer and 5 drops of conjugate – mix and let stand. Drain dish.
5. Wash
6. Add developer, mix and let stand
7. Rinse, dry & observe (Unitech offers a scanner and software for Quantiation)

This Z-Brett™ assay protocol requires no clean room, sterile technique or special equipment.

The Z-Brett Assay™ kit comes complete:

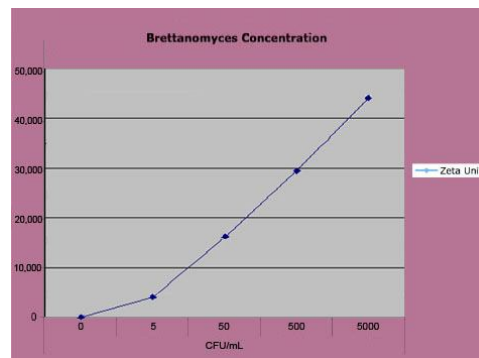
- Chips with standards & controls
- All reagents, dishes and measuring tubes

Complete!



Our Z-Brett software converts
Zeta units
(standardized densitometry Units)
into
Colony forming units
(**CFU**)

Sample scanner plot



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