

# Product Selection Guide – *Brettanomyces* Detection

Products:	Z-Brett™ Z-Enology Inc.	EnoSense™ (*) (L) (sniff test, broth)	Easy Blue™ Agar or BrettSD™ Agar (L)		BrettSD™ Broth (L)	
				Microfuge		+100 Monitor**
Sample Applied	Wine	Wine	Wine	Wine / Concentrated	Wine	Wine / 0.45µ filtered Test microfilter
Hands-on Lab Time	3-hr	2-min.	3-min.	10-min.	2-min.	10-min.
Value	Immediate Wine <b>Screening</b> <b>Detects VNC</b> (=Viable, but not culturable) <b>Confirms (***) Colonies</b> (e.g. from <i>Easy Blue</i> )	<b>Rapid, Sensitive</b> 'Phenolic Sniff' Screening  Assess 'volatile phenol' <b>Potential</b>	<b>Easy Blue:</b> No bunsen burners, No loops = Brett Confirmation <i>Made Easy</i>  <b>Triple Confirmation</b> <ul style="list-style-type: none"> <li>• Color Change in agar</li> <li>• Formation of Colonies</li> <li>• Phenolic "sniff"</li> </ul>	<b>Confirmation</b> <ul style="list-style-type: none"> <li>• Color Change in broth</li> <li>• Phenolic "sniff"</li> </ul> <b>Suppresses growth of mold</b> (where mold-overgrowth tends to occur on agar)		
Time to results	appr. 3-hr	2-12-days	2-12 days	2-12 days	2-12 days	2-12 days
Detection Limit	<ul style="list-style-type: none"> <li>• 10 – 100 mL: <b>1000 cfu/mL</b></li> <li>• 1 mL <b>10,000 cfu/mL</b></li> </ul>	12 days ≥ <b>1 cfu/ml</b> 10 days ≥ <b>10 cfu/ml</b> 8 days ≥ <b>100 cfu/ml</b> 6 days ≥ <b>1000 cfu/ml</b> 4 days ≥ <b>10,000 cfu/ml</b> 2 days ≥ <b>100,000 cfu/ml</b>	<b>60 cfu/ml</b>	<b>Easy Blue/microfuge</b> Test resuspended wine pellet <b>2 cfu/ml</b>  <b>BrettSD/100 Monitor**</b> test 0.45u microfilter ≥ <b>1-cell / liter</b>	<b>10 cfu/ml</b>	<b>1 cfu/ml to 1 cfu/ liter<sup>1</sup></b>  <sup>1</sup> test 0.45u membrane, ≥1cfu/L depending on wine filterability
Cost/test	\$7.50	\$4 <b>(\$3.33)</b>	\$4 - 4.50 <b>(\$3.33 - 3.75)</b>	\$5.85 - \$6.35 <b>(\$5.18 -5.60)</b>	\$4.50 <b>(\$3.33)</b>	\$6.35 <b>(\$5.60)</b>
Kit Size, Prices (Volume Discounts)	<b>Z-Brett-24</b> \$360/48 tests (Inquire)	<b>EnoSense-6</b> \$24/6 tubes  <b>EnoSense-48</b> \$160/48	<b>EasyBlue-4</b> \$18/4  <b>EasyBlue-32</b> \$120	<b>BrettSD-6</b> \$24/6  <b>BrettSD-48</b> \$160 <b>100-Monitor</b> \$89/48	<b>BrettSD-B-4</b> \$18/4 tubes  <b>BrettSD-B-32</b> \$120/32 tubes <b>100-Monitor</b> \$89/48	
<b>Introductory Offer</b> <b>Includes FREE SHIPPING</b> Thru June 15, 2009		<b>additional 20% Off Kits</b> EnoSense <b>Easy Blue</b> Brett SD Agar & Broth  <b>or Half-Price Easy Blue-4</b> with the purchase of <i>each</i> Z-Brett-24 <b>IMMEDIATE Z-Brett screening PLUS EASY BLUE HIGH Sensitivity culture</b>				

NOTES: \* Accepting **EnoSense** Pre-orders only, available June 15th  
 \*\* 100-Monitors, from Sartorius, are stand-alone, sterile, 0.45u filtration units (Also available: individual sterile membranes)  
 \*\*\* Z-Brett confirms colonies by antibody detection of **Brett Cell Wall surface antigens** (i.e. an alternate technology)

(L) **Manufactured by**  
 Le Wine LLC, Irvine CA

Distributed by **Unitech Scientific LLC**

Hawaiian Gardens CA (562) 924-5150 [www.unitechscientific.com](http://www.unitechscientific.com) email: [info@unitechscientific.com](mailto:info@unitechscientific.com) Lit No PF 5-25-09