

## Z-Brett Quick Start & Records

For photos of these procedures go to the link & scroll down:  
<http://www.unitechscientific.com/Z-BrettIllustrated.htm#Sampling>

STEPS	PROCESS (Use lab gloves )	INCUBATION TIME	DONE ✓	Date:		
<b>Sample Preparation</b>	<b>Spin Wine</b> <b>Wash Pellet, 1mL Decolorizer A</b> <ul style="list-style-type: none"> <li>• Repeat 1mL <b>Decolorizer A</b></li> </ul> 1 Drop <b>Suspension Buffer B</b> , Mix (Heat Condition suspension – <i>optional</i> , High Sensitivity)				<b>Operator:</b>	
	Notes:					
<b>1. Apply Samples &amp; Dry</b>	<b>Record</b> Sample I.D's on chip Mix, <b>Apply</b> 5uL/well <b>Dry</b> Chip in dish 45°C	<b>30+ min</b> (or over night at Room Temp.)				
<b>2. Destain &amp; Block</b>	<b>Add</b> 10mL <b>Blocker/Destain C</b> to dish <b>Agitate</b> dish 2', Allow to <b>Rest</b> Use pipette to <b>Squirt</b> away <b>persistant wine stains</b>	<b>15 min</b>				
<b>3. Brett Antibody + Conjugate</b>	<b>Pipette</b> 240 uL (or 6 drops) of <b>Anti-Brett D</b> and 240 uL of <b>Conjugate F</b> to dish; allow to <b>Rest</b> , mix periodically	<b>30 min</b>				
<b>4. Conjugate</b>	Discard liquid from Dish <b>Add</b> 10mL <b>Buffer E</b> to dish <b>Pipette</b> 240 uL (or 6 drops) of <b>Conjugate F</b> ; allow to <b>Rest</b> , mix periodically	<b>30 min</b>				
<b>5. Wash</b>	Discard liquid from Dish <b>Add</b> 10mL <b>Buffer E</b> to dish Gently mix, 1 min, <b>Discard Liquid</b> <ul style="list-style-type: none"> <li>• <b>Repeat</b></li> <li>• <b>Repeat</b></li> </ul>					
<b>6. Develop Color</b>	<b>Combine Developer Diluent G-1 + Active Developer G-2</b> <b>Add</b> 10mL <b>Developer Mixture</b> to dish Allow to <b>Rest</b>	<b>20 min</b>				
<b>7. Rinse</b>	Discard liquid from Dish (over sink) <b>Rinse</b> with <b>D.I. water</b> or cool <b>tap water</b> <b>Dry</b> Chip (Air dry 5 min., or spray with compressed air)					
<b>Interpretation</b>	#1	#2	#3	#4	#5	#6
Attach Developed Chip(s) Here						