



Brett Management Panel - Panel 7

For winemakers who are concerned about *Brettanomyces* spoilage, Vinqury's Brett Management Panel is an excellent resource. The panel monitors the presence and growth of *Brettanomyces* yeast and assesses its impact on wine. The Brett Management Panel combines analysis for *Brettanomyces* metabolic products with plating to give a complete profile of the activity of this yeast. *Brettanomyces* requires "management" because in many cases it cannot be eliminated due to enological restrictions or stylistic considerations. Simply performing a one-time analysis will not show whether spoilage is just beginning, getting worse, or is finished. This can only be determined by monitoring Brett populations and their metabolic products over time.

Brett Management Panel Includes:

- Culture for *Brettanomyces*
- 4-ethylphenol & 4-ethylguaiacol (HPLC)
- Free SO₂ (segmented flow)
- Brett Sensory Impact

Components of the Panel

The **Culture for *Brettanomyces*** reports the presence and quantity of *Brettanomyces* yeast. Growth is apparent at five to seven days.

The presence of **4-ethylphenol & 4-ethylguaiacol** (4-EP & 4-EG) indicate activity of *Brettanomyces* yeast. 4-EP & 4-EG are chemical markers that in high concentrations are attributable to *Brettanomyces*. 4-EP produces aromas generally described as "barnyard" or "Band-Aid" and 4-EG produces a medicinal aroma.

The analysis for **Free SO₂** measures the concentration in the sample to determine if there is enough present to suppress *Brettanomyces* populations.

Brett Sensory Impact is a brief sensory evaluation performed by Vinqury expert panelists. The evaluation includes an overall sensory description of the wine which may include *Brettanomyces* descriptors. The evaluation will illustrate the impact, if any, that Brett has had on the wine.

Sampling

The panel requires at least 200mL of sample. Minimal headspace is essential. Please send samples in plastic containers only. Complementary plastic sample bottles are available from all three Vinqury locations. Please call the phone number below to have sample bottles shipped to you.

For further information on the Brett Management Panel please call 707-838-6312.