

CyStain™ OenoCount

Fast. Accurate. Reliable.

The modern method for microbiological quality control in winemaking.

At the heart of every great wine is precision and attention to detail. The OenoCount kit offers a new and reliable approach to wine analysis, combining state-of-the-art technology with accuracy. It allows optimization of production processes, ensuring the finest quality wines reach the hands of discerning consumers.

Quality Control involves vacuum filtering to enhance the sample. The Elution Buffer guarantees an optimal elution of microorganisms adheres to the filter. The sample is prepared for staining with the OenoCount kit following an optional second centrifugation enrichment stage. In combination with the CyFlow™ Cube 6 V2m analyzer, OenoCount ensures standardized and automated analysis that differentiates between viable and dead microorganisms.



If not carefully handled, bacteria and yeast can have an impact on the microbiological stability of bottled wine. This may have negative consequences up to product recalls. The traditional method of membrane filtration and culturing requires days and it only picks up a small percentage of wine impurities. Your business risk increases when contaminations are detected incompletely or late.

Elution Buffer

Feature	Description
Initial volume	250-750 mL
Elution volume	3 mL
In-use shelf life	2 months
Storage temperature	2-8 °C

OenoCount Kit

Feature	Description
Technology	Membrane permeable and non-permeable DNA dyes
Time to result	Less than 20 mins
Reportable range	200 to 2X10 ⁵ cells per mL
In-use shelf life	2 months
Storage temperature	-25 – -18 °C
Flow cytometer	CyFlow Cube 6 V2m
Autoloading station	CyFlow™ Robby 6 V2m Autoloading Station (CY-S-3083-V2m)
Time to result with 96-well plate	85 mins

Features



Detection of viable, dead and viable but non-culturable microorganisms



Perfect for routine analysis



Differentiation between bacteria and yeast



Optional 96-well format



Reliable, automated result reporting and assessment

To learn more, [click here](#) or reach out to cytometry@sysmex.com

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