

# CyFlow BrettCount – the next level of microbiological analysis

The CyFlow BrettCount Solution is the perfect combination of VIT gene probe technology and flow cytometry. With the use of the CyFlow BrettCount Solution, microbiological quality control is elevated to a higher level, paving the way for a fast and cost-effective microbiological monitoring of production processes.

## The Advantages

- |    |                                       |    |  |
|----|---------------------------------------|----|--|
| 01 | Highly specific                       | 06 | Reliable results even on challenging samples                 |
| 02 | Low limit of detection                | 07 | Easy handling  |
| 03 | Counts only living yeast              | 08 | Perfect for routine analysis                                 |
| 04 | Rapid and clear-cut release decisions | 09 | Installation and operational qualification (IQ/OQ) protocols |
| 05 | Automated read-out of results         |    |  |

## Partnering to deliver new microbiological testing solutions

The CyFlow BrettCount Solution has been developed by Sysmex Partec GmbH, a pioneer in flow cytometry measurement technologies, and Vermicon AG, experts in industrial microbiology applications. Through this collaborative partnership we aim to create more effective and economical solutions for industrial microbiology testing.

VIT® = vermicon identification technology

VIT® is a registered trademark of vermicon AG · [www.vermicon.com](http://www.vermicon.com)

### **Sysmex Asia Pacific Pte Ltd**

Tel +65 6221-3629 Fax +65 6221-3687

[www.sysmex-ap.com](http://www.sysmex-ap.com)

### **Sysmex India Pvt Ltd**

Tel +91 (22) 6112-6666

[www.sysmex.co.in](http://www.sysmex.co.in)

### **PT Sysmex Indonesia**

Tel +62 (21) 3002-6688 Fax +62 (21) 3002-6699

[www.sysmex.co.id](http://www.sysmex.co.id)

### **Sysmex (Malaysia) Sdn Bhd**

Tel +60 (3) 5637-1788 Fax +60 (3) 5637-1688

[www.sysmex.com.my](http://www.sysmex.com.my)

### **Sysmex (Thailand) Co., Ltd**

Tel +66 (2) 032-2536 Fax +66 (2) 116-5396

[www.sysmex.co.th](http://www.sysmex.co.th)

### **Sysmex Philippines Inc.**

Tel +63 (2) 621-2460 Fax +63 (2) 621-2432

[www.sysmex.com.ph](http://www.sysmex.com.ph)

### **Sysmex New Zealand Ltd**

Tel +64 (9) 630-3554

[www.sysmex.co.nz](http://www.sysmex.co.nz)

### **Sysmex Vietnam Co., Ltd**

Tel +84 (8) 3997-9400 Fax +84 (8) 3997-9405

[www.sysmex.com.vn](http://www.sysmex.com.vn)

### **Sysmex Vietnam Co., Ltd (Hanoi Branch)**

Tel +84 (4) 3776-7020 Fax +84 (4) 3776-7022

[www.sysmex.com.vn](http://www.sysmex.com.vn)

### **Sysmex Australia Pty Ltd**

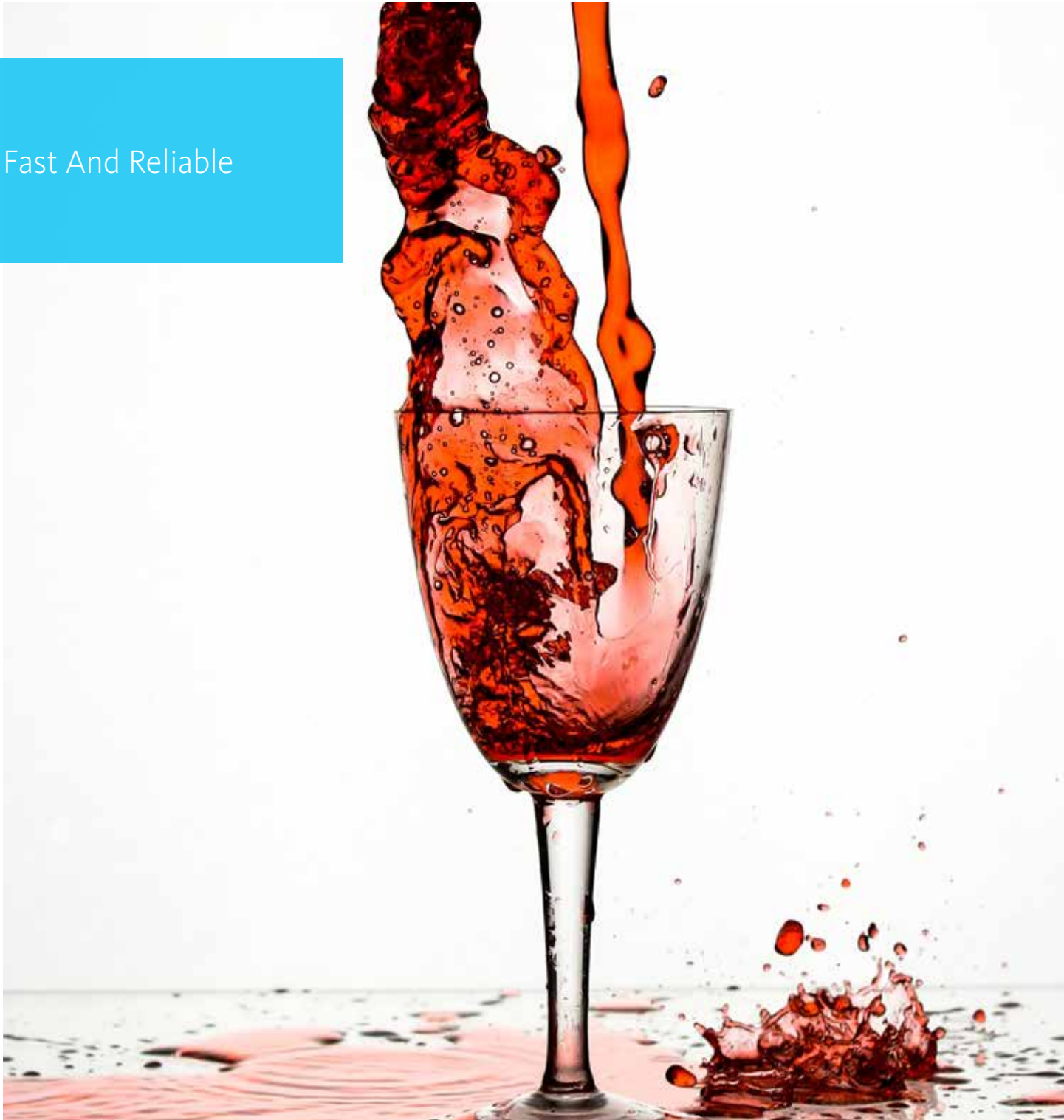
Tel +61 (2) 9016-3040

[www.sysmex.com.au](http://www.sysmex.com.au)

Flow Into The Next Level Of Quality Control

# *Brettanomyces Bruxellensis* Spoiler Monitoring

Fast And Reliable



# Unpleasant taste or smell?

During the ageing stage, wines are prone to a well-known threat to quality: contamination by *Brettanomyces bruxellensis* yeast. Without early detection of *B.bruxellensis*, the production of undesirable volatile compounds with unpleasant aromas can mask or affect a wine's bouquet.

If detected early enough, swift corrective action can be taken to ensure the sensory quality of the wine is maintained.

CyFlow BrettCount helps to recognise and prevent *Brettanomyces* contaminations.

## Assurance of quality in wine production – with CyFlow BrettCount

The CyFlow BrettCount Solution is a highly specific and automated detection system that enables fast and reliable quality control testing for *B.bruxellensis*.

It allows for the detection of these spoilers much faster and with less effort than classical culture methods. In addition, it detects the viable but not cultivable (VBNC) *B.bruxellensis*, which are not detected even after seven days of culture.

Because CyFlow BrettCount directly counts living yeast cells, as one would see under a microscope, the result is not affected by inhibiting factors that can lead to an underestimation in other techniques. It also avoids false-positive results that can occur when using molecular biological methods, such as qPCR, in which stable fragments of DNA from dead yeast are amplified as well.

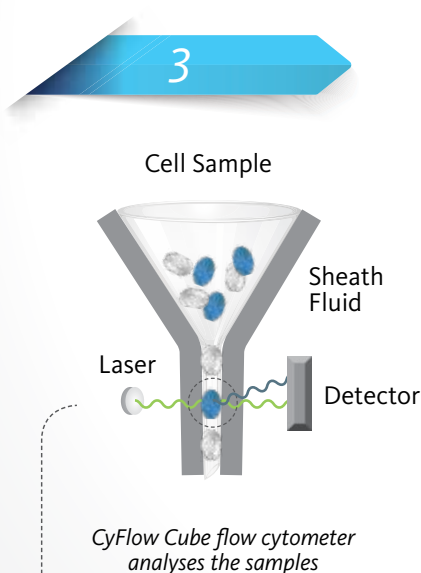
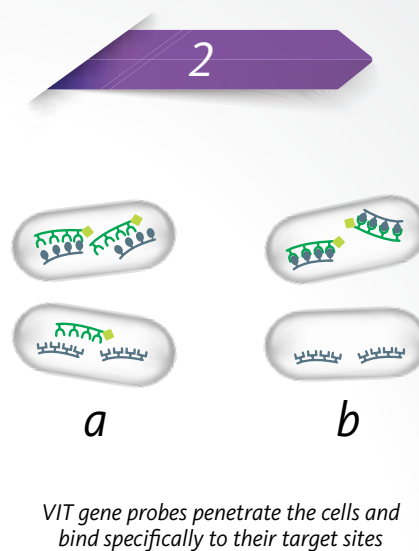
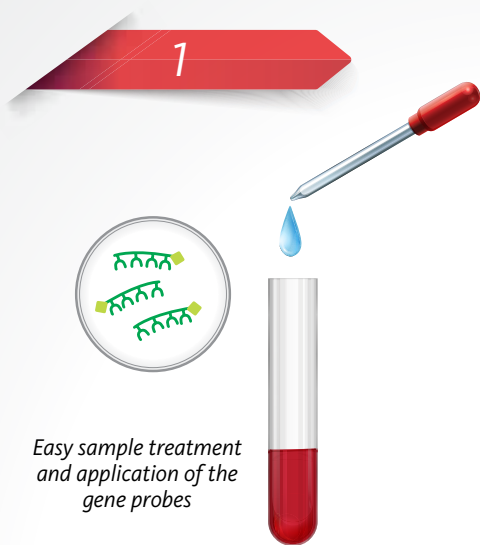
### The CyFlow BrettCount Solution



CyFlow Cube 6 with CyFlow BrettCount test kit

# Fast and easy workflow

Workflow is fast and easy and allows for highly specific detection of living microorganisms in a short time, automatic evaluation included!



*Final evaluation within  
3 minutes!*