

Press Release

BIOTECON Diagnostics launches Real-Time PCR Cycler Dualo 32[®] for optimal quality control in the beer and beverage industry

Highly sophisticated yet compact instrument enables simultaneous detection of 30+ beer spoilage organisms

Potsdam, 25 June 2020 - BIOTECON Diagnostics is pleased to announce the release of its own newly developed real-time PCR cycler, the Dualo 32[®], a robust 32-well solution that has been optimized for all beer and beverage applications. It not only offers convenience but also facilitates process and end-product quality control by answering multiple questions in a single run. The Dualo 32[®] in combination with our **foodproof**[®] Beer Screening Kits and **foodproof**[®] Spoilage Yeast Detection Kits can detect more than 30 of the most important beer spoilage bacteria and several spoilage yeasts.

“With the ever-expanding brewing industry, there is a definite need for quality management and early preventative controls to reduce the risk of product spoilage. We have long been in the business of developing and introducing kits and instruments to the market that alleviate the impact of contamination. Our new Dualo 32[®], with its small footprint, is capable of dealing with the entire complexity of our PCR diagnostics portfolio for the brewing industry, which includes all relevant beer-spoiling bacteria, spoilage yeasts, *Legionella* and *Alicyclobacillus*,” said Dr. Kornelia Berghof-Jäger, CEO of BIOTECON Diagnostics.

“Operating with high end technology for outstanding instrument performance and reproducible results, the Dualo 32[®] is perfect for maintaining consistent quality control at all stages of the brewing process. It has everything a brewer needs and can run multiplex kits with up to four channels. The full spectrum optics of the user-friendly Dualo 32[®] enable the flexible use of hydrolysis as well as hybridization probes, so it is able to identify all the main beer spoilers by melting curve analysis. With a faster time to result, its accessible functionality, clear data interpretation and intuitive technology, the Dualo 32[®] truly is the perfect lab companion,” concluded Dr. Kornelia Berghof-Jäger.

In addition to cyclers, detection and screening kits, BIOTECON Diagnostics also provides several DNA extraction kits for all kinds of brewery matrices and for different sample throughput rates such as the **foodproof**[®] StarPrep Two Kit, which has higher sensitivity, includes mechanical disruption and is also suitable for users who work with **foodproof**[®] Spoilage Yeast Detection LyoKits; or the **foodproof**[®] StarPrep Three Kit that has an easy and fast protocol but excludes mechanical disruption.

Key Features of the Real-Time PCR Cycler Dualo 32[®]:

- Robust 32-well instrument optimized for BIOTECON Diagnostics' **foodproof**[®] Kits and LyoKits
- Simple workflow – intuitive software, preinstalled protocols for all testing parameters and automated report generation
- Dual technology - full spectrum optics for hybridization and hydrolysis probe assays
- Small footprint – perfect for labs with minimal space and small to medium throughput
- Competitive pricing - ideal entry model for labs introducing real-time PCR methods to ensure constant high quality of beer and beverages

For more information about the new Real-Time PCR Cycler Dualo 32[®], please visit our beer safety website: <http://beer-safety.bc-diagnostics.com/quality-testing-solutions#dualo>

About BIOTECON Diagnostics

At BIOTECON Diagnostics, our vision is to constantly strive to make the planet a better and safer place. We imagine a world where no one gets sick from the food and drink they consume. Situated in Potsdam, Germany, our story began more than 20 years ago, seeking to put an end to foodborne and waterborne diseases. Today, we have grown to become one of the pioneers in designing products for food and beverage safety excellence. Our team of highly qualified experts excels in providing first-in-class, innovative rapid molecular solutions for DNA/RNA extraction and the detection of a wide range of test parameters based on real-time PCR.

BIOTECON Diagnostics – The Food Safety Experts

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