

Press Release

BIOTECON Diagnostics launches NEW foodproof® Beer Screening 2 LyoKit

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A user-friendly lyophilized real-time PCR test for simultaneous detection of 30+ beer spoilage organisms that also differentiates between some of the worst spoilers

BIOTECON Diagnostics is pleased to announce the release of its latest beer testing solution, the **foodproof** Beer Screening 2 LyoKit, which can detect more than 30 of the most important beer spoilage bacteria as well as differentiate between the lactic acid bacteria (*Lactobacillus* and *Pediococcus*) and the most troublesome obligate anaerobic spoilage bacteria (*Megasphaera* and *Pectinatus*). As the latest addition to our existing brewing product portfolio designed specifically for breweries, the highly sensitive multiplex kit can also screen for the hop tolerance genes, *horA* and *horC*.

“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. A few genera have the ability to generate off-flavors, turbidity and acidity, which can often lead to entire beer batches needing to be recalled, high economic loss and in the worst case, the brand being impacted,” said Alois Schneiderbauer, CBO of BIOTECON Diagnostics.

“As a well-established and key player in molecular biological testing for the food and beverage industry, we have long been developing and introducing kits to the market that alleviate the impact of spoilage. Our new kit complements the **foodproof** Beer Screening 1 LyoKit nicely and also completes our PCR diagnostics portfolio for the brewing industry, which includes all relevant beer-spoiling bacteria, spoilage yeasts, *Legionella* and *Alicyclobacillus*,” concluded Alois Schneiderbauer.

The **foodproof** Beer Screening 2 LyoKit is based on real-time PCR technology, which is well-established in the brewing and beverage industry as a highly sensitive and specific detection method. It also uses 5’Nuclease probes, resulting in lower production costs and a more favorable retail price. The fact that the kit is lyophilized means it is easy to handle and store, with less shipping costs, reduced cross-contamination risks and higher sensitivity. Additionally, the new kit is compatible with various existing open platform multi-channel real-time PCR instruments. These include:

- LightCycler 480 II
- LightCycler 96
- PikoReal 24
- AriaMx
- ABI 7500 Fast
- Dualo 32

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 also work with **foodproof** Spoilage Yeast kits; or the **foodproof** StarPrep Three Kit that has an easy and fast protocol but excludes mechanical disruption.

For more information about the new **foodproof** Beer Screening 2 LyoKit, please visit our website: <https://www.bc-diagnostics.com/products/kits/real-time-pcr/spoilage-organisms/foodproof-beer-screening-2-lyokit>

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 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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