

## Press Release

**foodproof<sup>®</sup> *Listeria monocytogenes* LyoKits and foodproof<sup>®</sup> *Listeria* StarBroth.**

- Potsdam, April 2017 -

**New real-time PCR test and rapid enrichment media for the detection of *Listeria monocytogenes* in all kind of food samples in less than 24 hours.**

Microbiological methods for the detection of *Listeria monocytogenes* including enrichment, isolation on agar plates and confirmation usually take several days. Therefore, real-time PCR and other rapid alternative methods have been developed to shorten the time from sample to result for the detection of this dangerous pathogen.

BIOTECON Diagnostics has developed a new, lyophilized real-time PCR assay for the detection of *Listeria monocytogenes*. The company also provides several DNA extraction kits for all kind of tasks, like the foodproof StarPrep Two Kit for manual extraction, the foodproof StarPrep Two 8-Strip Kit for high-throughput manual extraction in deep-well plates or the foodproof Magnetic Preparation Kit II for automated DNA extraction with the new foodproof RoboPrep Fusion.

To shorten the time for enrichment, BIOTECON Diagnostics has incorporated a rapid *Listeria* enrichment broth from a leading media supplier: foodproof *Listeria* StarBroth. By this combination of products, a safe detection of *Listeria monocytogenes* and *Listeria* Genus is now possible in less than 24 h in all kind of foods and raw materials. For an independent proof of quality all kits including the rapid media and the reference broth, Half-Fraser, have been AOAC-RI PTM approved with a variety of foods.

Moreover BIOTECON Diagnostics has organized and successfully accomplished an interlaboratory test in April – May 2016 with altogether 18 laboratories from 4 countries including Germany, Switzerland, the Netherlands and UK. The aim of this study was to evaluate the performance of the new foodproof *Listeria monocytogenes* Detection LyoKit in combination with a rapid enrichment media specifically for Gram+ organisms: foodproof *Listeria* StarBroth in comparison to the ISO method Half-Fraser broth.

The interlaboratory study showed an overall very good performance in many different laboratories, with different users and on several different PCR instruments. The combination of foodproof *Listeria* StarBroth, the foodproof StarPrep Two Kit including the 8-strip version and the foodproof *Listeria monocytogenes* Detection LyoKit was highly efficient for the detection of low levels of *L. monocytogenes* in two different food categories: meat and milk products.

For more information about the new **foodproof *Listeria monocytogenes* Detection LyoKit** and **foodproof *Listeria* StarBroth** please view: [www.bc-diagnostics.com](http://www.bc-diagnostics.com).

BIOTECON Diagnostics is located in Potsdam, Germany. Since almost 20 years the company is a competent partner for all molecular biological and microbiological challenges in the food and beverage industry. In the companies' focus are the development, production and marketing of real-time PCR based rapid test methods including automation solutions.

**Contact:****Public Relations:****Alois Schneiderbauer, CBO**

Phone: +49 (0) 331 2300-200

Fax: +49 (0) 331 2300-299

Email: [bcd@bc-diagnostics.com](mailto:bcd@bc-diagnostics.com)**BIOTECON Diagnostics**

Hermannswerder 17

14473 Potsdam – Germany

Phone: +49 (0) 331 2300-200

Fax: +49 (0) 331 2300-299

Email: [bcd@bc-diagnostics.com](mailto:bcd@bc-diagnostics.com)Web: [www.bc-diagnostics.com](http://www.bc-diagnostics.com)**Product Information:****Benjamin Junge, Senior Product Manager**

Phone: +49 (0) 331 2300-200

Fax: +49 (0) 331 2300-299

Email: [bjunge@bc-diagnostics.com](mailto:bjunge@bc-diagnostics.com)