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FOR IMMEDIATE RELEASE

3M Introduces Next Generation, Faster Assays for Detecting Foodborne Pathogens

New generation of tests kicks off with Listeria and Listeria monocytogenes solutions

ST. PAUL, Minn. – July 27, 2015 – Expanding on the innovative 3M™ Molecular Detection System now relied on by food processors, laboratories, universities and government agencies in over 45 countries for reliable pathogen testing results, 3M Food Safety announces a next generation of 3M™ Molecular Detection Assays: the 3M™ Molecular Detection Assay 2 – *Listeria* and 3M™ Molecular Detection Assay 2 – *Listeria monocytogenes*. Based on the same combination of advanced technologies used in all 3M Molecular Detection Assays – isothermal DNA amplification and bioluminescence detection – these next-generation assays use new chemistry to deliver accurate results with shorter enrichment times and improved productivity.

Applicable to environmental samples and a broad range of food types (dairy products, ready-to-eat and raw meats, fish and seafood, fruits and vegetables) and using a standard enrichment medium, the next generation assays for *Listeria* and *Listeria monocytogenes* provide a faster time-to-result after as little as 24 hours of enrichment. These assays use a streamlined workflow that is 30 percent faster than first generation assays, enabled by new lysis chemistry that utilizes proprietary 3M nanotechnology and features a unique color-change indicator for increased control during assay processing. This results in fewer steps for today's busy pathogen testing laboratories looking to enhance productivity, without compromising accuracy.

For existing customers, the ability to transition from original to new assays has been made seamless. First and second generation assays can be run simultaneously using the same robust and compact 3M™ Molecular Detection Instrument, maintaining high efficiency and productivity in the laboratory. In order to use the new assays on their existing instrument, customers simply need to download and install a free software upgrade available at www.3M.com/foodsafety. In addition to making the new assay platform compatible, the software enhancements feature a redesigned

user interface and new features that allow for easier, more efficient data entry and improved administrative control.

“The next-generation 3M Molecular Detection Assay 2 tests came to life through ongoing customer engagement and 3M innovation, and we are excited to provide these improvements to our customers while maintaining a fundamental aspect of our original assays – one protocol for all pathogens.” said John David, global marketing supervisor with 3M Food Safety. “The next-generation assays all use a single assay protocol, simplifying our customers’ process and improving their productivity.”

3M Food Safety will display the new 3M Molecular Detection Assay 2 - *Listeria* and 3M Molecular Detection Assay 2 – *Listeria monocytogenes* at the International Association for Food Protection 2015 Conference in Portland, Ore. at booth #635 through July 28. Individuals can also visit www.3M.com/3MMolecularDetectionSystem/MDA2LISLMONO to learn more about the technology and can contact their local 3M Food Safety representative for availability and timing in their specific regions.

3M Food Safety is a leader of innovative solutions that help the food and beverage industries optimize the quality and safety of their products to enable consumer protection. At every step, 3M Food Safety provides solutions that help mitigate risk, improve operational efficiencies and impact the bottom line. For more information, visit www.3M.com/FoodSafety or follow [@3M_FoodSafety](https://twitter.com/3M_FoodSafety) on Twitter.

About 3M

At 3M, we apply science in collaborative ways to improve lives daily. With \$32 billion in sales, our 90,000 employees connect with customers all around the world. Learn more about 3M’s creative solutions to the world’s problems at www.3M.com on Twitter @3M or @3MNewsroom.

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