



PerkinElmer Launches Industry-Leading Solus One E. coli O157 Pathogen Detection Assay for Beef & Beef Trim Testing

1/27/2021

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WALTHAM, Mass.--(BUSINESS WIRE)--PerkinElmer, Inc., a global leader committed to innovating for a healthier world, today launched the **Solus One E. coli O157 Pathogen Detection Assay** for raw ground beef and raw beef trim. This system is designed for customers who receive a high volume of food samples daily and need a highly sensitive, cost effective assay. The assay is compatible with the Dynex DS2 automated reader, offering industry-leading result sample volume.

Escherichia coli (E. coli) is bacteria commonly found as part of normal gut flora of humans and animals. Most are harmless; however, some strains -- including the most common E. coli O157 -- produce toxins that can cause intestinal illness especially in people in higher risk categories such as pregnant women, immunosuppressed people and the elderly. Having robust and accurate E. coli testing capabilities enables food suppliers to take action faster if the pathogen is detected in their facilities.

PerkinElmer's Solus One E. coli O157 system features a single, 10-hour enrichment, one-step sample preparation and automated workflow to process up to 192 tests per run. The user-friendly instrument, kits and methods also require less training than traditional approaches for lab technicians, enabling them to "set it and forget it" for up to two hours, freeing their time to conduct other lab work such as running another automated protocol to maximize sample throughput.

"E. coli O157 is important and requires scientific expertise to provide solutions that food processors and contract labs can trust," said Greg Sears, VP and GM of Food at PerkinElmer. "With our new high throughput offering, we can

help food processors stay ahead of the constant E. coli testing cycle by streamlining their testing workflows and increasing productivity while helping to protect consumer safety in the global food chain.”

PerkinElmer’s meat testing and analysis innovations are part of the Company’s broader safety and quality solutions for food, including grain, dairy, meats, produce, edible oils and seafood. For more information please visit <https://www.perkinelmer.com/category/pathogens-in-food>.

About PerkinElmer

PerkinElmer enables scientists, researchers and clinicians to address their most critical challenges across science and healthcare. With a mission focused on innovating for a healthier world, we deliver unique solutions to serve the diagnostics, life sciences, food and applied markets. We strategically partner with customers to enable earlier and more accurate insights supported by deep market knowledge and technical expertise. Our dedicated team of about 14,000 employees worldwide is passionate about helping customers work to create healthier families, improve the quality of life, and sustain the wellbeing and longevity of people globally. The Company reported revenue of approximately \$2.9 billion in 2019, serves customers in 190 countries, and is a component of the S&P 500 index. Additional information is available through 1-877-PKI-NYSE, or at www.perkinelmer.com.

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