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Thermo Fisher Scientific Announces New PathoProof Mastitis PCR Assays for Dairy Industry

Molecular technology improves the quality of our dairy supply by providing convenient, fast, accurate identification of mastitis-causing bacteria in bovine milk samples

LENEXA, Kan., (April 7, 2011) – Thermo Fisher Scientific Inc., the world leader in serving science, today announced the availability of Thermo Scientific PathoProof PCR assays for the U.S. dairy industry. PathoProof is a new line of advanced assays for detecting mastitis-causing bacteria in milk samples. These molecular-based assays improve the quality of our dairy supply by identifying mastitis-causing bacteria in just four hours, compared to days for traditional methods, providing dairy testing laboratories with convenient, fast and accurate test results. Because PathoProof assays rely on DNA, users can perform tests on multiple types of milk samples, including quarter milk samples, milk recording samples, and bulk tank samples, making it easier than ever to manage the costly effects of bovine mastitis.

PathoProof Complete-12 and PathoProof Major-3 Mastitis PCR assays remove barriers to mastitis testing by providing more flexibility in sample types and eliminating the need to specially handle samples. It allows dairy farmers and laboratories to manage positive results in hours instead of days or weeks. The high sensitivity and objective test results possible with PathoProof take the guesswork out of mastitis testing, leading to better herd management.

“The benefits of PathoProof over traditional bacterial culturing for identification of mastitis-causing bacteria are tremendous,” said Sumi Thaker, vice president marketing for Thermo Fisher’s Microbiology business. “Bovine mastitis is responsible for huge losses each year to the dairy industry. Total losses in the US alone exceed \$2 billion. It’s time to replace the current method with a new gold standard that improves the quality of our dairy supply faster, more conveniently and with more accuracy.”

To learn more about PathoProof, visit www.thermoscientific.com/pathoproof.

About Thermo Fisher Scientific

Thermo Fisher Scientific Inc. (NYSE: TMO) is the world leader in serving science. Our mission is to enable our customers to make the world healthier, cleaner and safer. With revenues of nearly \$11 billion, we have approximately 37,000 employees and serve customers with in pharmaceutical and biotech companies, hospitals and clinical diagnostics labs, universities, research institutions and government agencies, as well as in environmental and process control industries. We create value for our key stakeholders through two premier brands, Thermo Scientific and Fisher Scientific, which offer a unique combination of continuous technology development and the most convenient purchasing options. Our products and services help accelerate the pace of scientific discovery, and solve analytical challenges ranging from complex research to routine testing to field applications. Visit www.thermofisher.com.

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