

News release

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Idaho Technology, Inc. Receives AOAC-PTM Approval for Additional *Salmonella* Matrices

SALT LAKE CITY, April 19, 2010– Idaho Technology, Inc. (ITI) has received AOAC Performance Tested Method approval for two additional *Salmonella* matrices—stainless steel environmental samples and dry pet food. These matrices join the list of already approved matrices in the *Salmonella* LT Food Security System including chocolate, cooked ham, fresh raw chicken, lettuce, raw ground beef, and liquid whole eggs. This assay uses real-time PCR technology to identify the presence of *Salmonella* in less than one hour after a pre-enrichment period.

The validation of these matrices is an important development as salmonellosis is the most commonly reported food-borne illness worldwide. Surfaces such as stainless steel are potential sources of food cross-contamination. Dry pet food poses additional risks as *Salmonella* can cause serious infections in dogs and cats and illness may also occur in humans when contaminated pet food is handled.

“We have developed an easy, accurate, and timely PCR assay for detecting *Salmonella* in food and on surfaces,” stated Kristine Clemens, ITI food safety validation manager. “We are thrilled to add these critical matrices to our AOAC approval, giving companies even more testing options.” The *Salmonella* LT kit is available for purchase in both low and high volume formats for use with the R.A.P.I.D.[®] LT Food Security System (FSS).

About the R.A.P.I.D. LT FSS

Built upon LightCycler[®] technology, the R.A.P.I.D. LT FSS combines rapid air thermocycling and a real-time fluorimeter to reliably test food and environmental samples. In addition to the instrument, robust freeze-dried reagents have been designed

and optimized to run on this instrument and provide precise results. Because of its sensitivity, accuracy, and high speed, it is the ideal instrument for rapid foodborne pathogen identification and represents a significant improvement over traditional microbiology tests that currently require 5 to 7 days.

About Idaho Technology, Inc.

Idaho Technology, Inc., based in Salt Lake City, Utah, is the originator of rapid DNA analysis with applications including DNA amplification, real-time PCR and mutation discovery. ITI's systems include biothreat detection systems (R.A.P.I.D.[®] and RAZOR[™] systems), a biomedical research system for gene quantification and mutation scanning (LightScanner[®] system), and a food protection system (R.A.P.I.D.[®] LT). Founded in 1990, ITI is a privately held company focused on worldwide applications in the defense, research, industrial and food testing markets. For more information, please visit <http://www.idahotech.com>.

About AOAC International

AOAC International is a not-for-profit scientific association committed to worldwide confidence in analytical results. For more information, please visit <http://www.aoac.org/>.

Source: Idaho Technology, Inc.