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Idaho Technology Receives AOAC Approval for *Salmonella* Assay

SALT LAKE CITY, UTAH – MAR 26, 2008 – Idaho Technology, Inc. (ITI), a molecular biology instrumentation and reagents business in Salt Lake City, Utah, is proud to announce that their *Salmonella* LT assay has received AOAC Research Institute (RI) approval. The assay uses real-time PCR technology to identify the presence of *Salmonella* in food samples.

“The validation of this test marks a major achievement for Idaho Technology as we extend our leadership role from R.A.P.I.D.[®] pathogen identification in the biodefense market into the food security industry,” states ITI Chief Development Officer Todd Ritter.

The *Salmonella* LT assay is used with ITI’s R.A.P.I.D. LT Food Security System, which uses reduced enrichment times—only 16 hours followed by PCR—paired with real-time PCR technology to provide rapid and accurate results. The R.A.P.I.D. LT instrument combines rapid air thermocycling and a real-time fluorimeter to reliably identify test food samples in less than 35 minutes, a great improvement considering PCR testing traditionally can take several hours.

The complete system provides the easiest end-to-end PCR protocol and now is the only AOAC-approved post-enrichment pooling protocol. Using a 5:1 sample pooling approach enables the cost per test to approach that of traditional methods. “Idaho Technology’s 5:1 pooling protocol can reduce PCR assay costs by up to 80%. This places the assay price in the same range as ELISA testing,” says Dennis D’ Alfonso, National Sales Manager.

The *Salmonella* LT assay joins ITI’s growing portfolio of assays used in conjunction with the company’s detection instruments. The assay is intended for use by trained laboratory personnel.

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 the RAZOR® instruments), a biomedical research system for gene quantification and mutation scanning (LightScanner® system), and a food security system (R.A.PI.D.® LT). Founded in 1990, ITI is a privately held company focused on worldwide applications in the defense, research, industrial and food security 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.