

PRESS RELEASE – FOR RELEASE **MAR 26, 2008**, 12 NOON MT

**Contact Information:**

Dennis D' Alfonso  
Idaho Technology, Inc.  
Tel: (801) 230-8614  
Fax: (801) 588-0507  
e-mail: dennis\_dalfonso@idahotech.com

## **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.<sup>®</sup> 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.<sup>®</sup> and the RAZOR<sup>®</sup> instruments), a biomedical research system for gene quantification and mutation scanning (LightScanner<sup>®</sup> system), and a food security system (R.A.P.I.D.<sup>®</sup> 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.