

# R.A.P.I.D.<sup>®</sup> Report

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## Welcome

### **Todd Ritter, Chief Corporate Development Officer**

Idaho Technology Inc.

Welcome to the first edition of the R.A.P.I.D. Report Newsletter. Our goal is to keep you as informed as possible of the events and happenings here at Idaho Technology. Updates on our products and methodology will be distributed through this letter as they become available.

It is hard for me to believe the R.A.P.I.D. System has been around for five years. To date, we have made over 35 improvements, most of which are invisible to the end user. As the R.A.P.I.D. System is deployed to more locations, we learn more about how to use it, and it never ceases to amaze me how versatile PCR really is. Right now, we have users testing milk, air, blood, swabs, dirt and other matrices. One goal of this newsletter is to update users on how to do different types of testing. Through this letter, we plan to create a user forum to allow valuable information exchange between customers. When you guys compare notes, the system gets stronger.

Nicole Bethers, our Head Trainer, is the editor of this newsletter. Please feel free to send her articles, ideas and questions you want covered. As we continue to grow, our commitment to the customer grows with us. This letter is yours so please use it to the utmost.

Sincerely,



Todd Ritter

Chief Corporate Development Officer

## R.A.P.I.D. System Improvements

### **New Foil Pouches in Reagent Kits**

In December 2002, IT BioReagents started packaging reagents in a thicker, more puncture resistant pouch. Air-tight pouches are integral to ensuring the 6-month shelf life of the reagents.



### **New Reagent Caps**

In December 2002, IT BioReagents started using a new cap on reagent vials. These new caps will help reduce the puncturing of the foil pouches.



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### Ready-Response Kit Update

The Ready-Response Kit was outfitted with new equipment such as DNase, bench top sheets, and bleach wipes.



### Training Kit Update

The Training/Practice kit was reconfigured to more closely resemble our other reagent kits. We removed the "Control DNA" and repackaged the kit. Each kit now contains 6 foil pouches, which contain 1 positive tube (2 positive reactions), 1 negative tube (2 negative reactions), and 3 unknown tubes (6 unknown reactions). There are also 6 vials of high purity grade water. This improvement will make it easier for new users to learn how to use the R.A.P.I.D. System.



### BioReagent Survey

Our sales and marketing department is currently conducting a BioReagent Survey. We greatly appreciate your feedback on our freeze-dried reagents. Please take a minute to complete the survey found at:

[www.idahotech.com/reagents/survey.html](http://www.idahotech.com/reagents/survey.html). For your time and effort you will receive a **FREE** R.A.P.I.D. System T-Shirt when you have completed the survey. Thank you for your input.



## Technical Support Corner

### Turbo Mixer

The TurboMixer Vortex Genie II is recommended for DNA sample preparation in conjunction with our 1-2-3 DNA Purification Kit. The 2-ml size tube attachments for the Vortex Genie II are a special order item (IT part 3824). Please call 800-735-6544 ext 349 to order this or any other part from Idaho Technology.

### LCDA Software Version

The current R.A.P.I.D. System software is LCDA version **3.5.28** and Run is version **1.2.8**. LCDA version 3.1.106, which is found on early versions of the R.A.P.I.D. System backup CD, will also function fine. Versions of the R.A.P.I.D. System sold after June 1, 2003 have LCDA version 3.5.28 on their backup CD.

To check the LCDA and Run version of your R.A.P.I.D. System software, select the Run window in the Advanced Options software. Then, choose **Help** and **About** in the toolbar. Please contact customer service for download information on software 800-735-6544 ext 406.

### Power Supplies

The R.A.P.I.D. System power specifications are located inside the back cover of both R.A.P.I.D. System Technical and Operator manuals. They are also available at this website: <http://www.idahotech.com/rapid/specifications.htm>

In the past, we tested some power conditioners and inverters. A power line conditioner we tested and used is the Furman Sound model AR-1215 (120 volts) at <http://www.furmansound.com/pro/reg/reg1.htm>.

A model for 220 volts is also available at <http://www.furmansound.com/pro/reg/reg4.htm>.

We have also tested the ProSine1000/1800 true sine wave output inverter from StatPower Technologies at <http://www.statpower.com>.

We have tested the R.A.P.I.D. System on a generator and it can be operated with a high-quality line conditioner. At this time we do not have any recommendations for generator models.

Idaho Technology Inc. does not regularly stock external power line conditioners, inverters or batteries for the R.A.P.I.D. System.

## R.A.P.I.D.® System Training

Idaho Technology offers training courses for the R.A.P.I.D. System. Training for two people is included with the purchase of the R.A.P.I.D. System and more may attend for additional cost. The Training course is three days long and focuses on concepts of operation, sample prep, reagent set-up and software. The next few training dates are:

July 15-17, 2003

August 12-14, 2003

September 23-25, 2003

Please call 800-735-6544 ext 342 for further details

## Calendar of Events

### 103<sup>rd</sup> ASM General Meeting

**Place:** Washington, DC

**Date:** 15-19 May 2003

**Posters Presented at ASM can be downloaded from:**

[http://www.idahotech.com/contact\\_it/ASM/asm2003.htm](http://www.idahotech.com/contact_it/ASM/asm2003.htm)

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### Knowledge Foundation Biodetection Conference

**Place:** Washington, DC

**Date:** 1-3 June, 2003

<http://www.knowledgepress.com/events/12111105.htm>

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### NDIA Homeland Security Conference

**Place:** New Orleans, LA

**Date:** June 2-4, 2003

<http://www.ndia.org/events/homelandsecurity/>

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### National Environmental Monitoring Conference

**Place:** Arlington, VA

**Time:** 21-24 July 2003

<http://nemc.us/>

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**PLEASE SEND YOUR USER EXPERIENCE AND QUESTIONS TO  
NICOLE\_BETHERS@IDAHOTECH.COM. WE WILL SHARE YOUR STORIES AND  
ANSWERS TO YOUR QUESTIONS IN THE NEXT NEWSLETTER.**

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