

R.A.P.I.D.[®] Report

Volume 2, Issue 2

April 2004

Ordering BioReagents

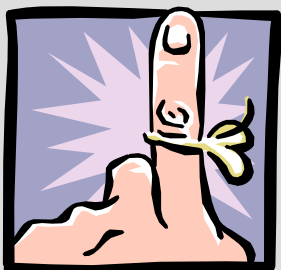
Idaho Technology Inc. (ITI) has nine commercially available Target 1 freeze-dried BioReagents: *B. anthracis*, *F. tularensis*, *Y. pestis*, *Brucella species*, *Listeria monocytogenes*, *E. coli 0157*, *Salmonella species*, *Campylobacter species*, *C. botulinum Type A*.

All freeze-dried assays are good for six-months at room temperature. In order to help reduce frustration and stress, we ask you to **order BioReagents 4-6 weeks before your current lot of assays expires or your supplies of BioReagents run out.** Our reagent ordering policy states "there is a minimum 1-month lead-time on production." With this 1-month lead-time, we can provide you with the full six-month shelf life of the BioReagents. We hope this simple note will remind you to reorder BioReagents regularly to avoid using expired ones in real tests.

We are in the process of identifying a practical method of notifying customers when their reagent stock is about to expire, but until then we will continue to use this newsletter to remind customers to reorder their BioReagents in a timely manner. Call Idaho Technology at 1-800-735-6544 ext 349 to order.

Tips to help you remember when to reorder BioReagents and how much to reorder:

1. Place a note on your calendar 4-6 six weeks before your BioReagents expire.
2. Check your stock weekly.
3. Keep track of how many BioReagents you use monthly.



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

Software Update

ITI maintains a standard of offering high-quality, durable and reliable systems for our customers. We strive not only to give you a leading-edge technology, but also improve our existing systems and make those improvements available to our current users.

CMC Firmware Upgrade (version 1.2.14) Now Available

1-800-735-6544 ext 406 to receive details about implementing these upgrades.

Ready Response Kit Update

ITI has updated some of the content in the Ready Response Kit, specifically the centrifuge, pipettes and the pipette tips. The centrifuge has been switched from the LabNet Minicentrifuge to the VWR Galaxy 7D centrifuge. The new centrifuge has a higher RPM and xg (10,000 rmp and 7200 xg). The centrifuge also has 12 positions, which allows for more sample processing. When using the VWR Galaxy 7D with the IT 123 DNA Purification Kit all centrifugation steps must be done at maximum speed (10,000 rmp and 7200 xg).

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ITI has switched from the three RAININ pipettes and tips (P-1000, P-200, P-20) to two BioHit pipettes and tips (P-1000, P-100). The new pipettes are lightweight, more durable, fully autoclavable and have a volume-locking feature.



ITI no longer carries the RAININ pipettes or tips. If you need to order these supplies, please purchase them directly from the manufacturer at 1-800-472-4646 or www.rainin.com.

Item Description	Rainin Part No.
Rainin P-20 Pipettor	P-20
Rainin P-200 Pipettor	P-200
Rainin P-1000 Pipettor	P-1000
Rainin P-20 Aerosol Barrier Tips	RT-L10F
Rainin P-200 Aerosol Barrier Tips	RT-L200F
Rainin P-1000 Aerosol Barrier Tips	RT-L1000F



If you are interested in ordering the new centrifuge and pipettes please contact ITI at 1-800-735-6544 ext 349 to receive details about these upgrades.

Item Description	ITI Part No.
BioHit P-100 Pipettor	CNSB-PIP-0002
BioHit P-1000 Pipettor	CNSB-PIP-0003
BioHit P-100 Aerosol Barrier Tips	CNSB-TIP-0006
BioHit P-1000 Aerosol Barrier Tips	CNSB-TIP-0007
VWR Galaxy 7D Microcentrifuge	LABS-GEN-0005

Secondary Targets

ITI has Target 2 BioReagents for the following: *B. anthracis*, *F. tularensis*, and *Y. pestis*. ITI recommends that you use Target 1 BioReagents routinely until they obtain a positive hit on an unknown sample. You can further confirm a positive hit using the specific secondary target and also rule out DNA product contamination.

Currently, Target 2 BioReagents are not packaged in a screen kit format. You can order them in small or large-scale reactions through ITI.

Additionally, ITI has a Target 3 for *B. anthracis* that can be used as a confirmatory assay to complement Target 1 or Target 2. ITI is always working to improve and add BioReagents to our list. Please don't hesitate to let us know what BioReagents you would be interested in having available.

Technical Support Corner

BioReagents Disposal

ITI recommends that all users dispose of their used BioReagent vials in accordance to good laboratory practices. Waste from possible positive samples, or samples containing recombinant DNA molecules should be inactivated, using appropriate procedures, before disposal.

For more information refer to DHHS (NIOSH) Publication No. 88-119 [Guidelines for Protecting the Safety and Health of Health Care Workers](#) (section 6, Hazardous Waste Disposal).



Sample Carousel Maintenance

Each R.A.P.I.D.® System is matched with a specific sample carousel. It is important to maintain the sample carousel with the instrument because the size of the carousel is matched to the machine. The metal parts rust quickly if they are not rinsed with distilled water after decontamination with bleach. The latest price quoted to replace a carousel assembly was over \$1,000, so careful maintenance can save quite a bit of money.

R.A.P.I.D. Warranty

The R.A.P.I.D. System is shipped with a 1-year parts, labor and service warranty by the Idaho Technology Technical Service Department. Should the instrument need to be returned to ITI for repair for an extended period of time, a temporary replacement instrument can be sent, upon approval, until the purchased instrument is repaired.

Extended Warranty: An extended service and warranty is available on all R.A.P.I.D. Systems for 10% of the initial purchase price, per year, for an additional three years. The extended warranty can be purchased with the machine or within the first year after machine purchase. Contact ITI for information 1-800-735-6544.

R.A.P.I.D.® System Training

ITI 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 can attend for additional costs). The training course is three days long and focuses on concepts of operation, sample preparation, reagent setup and software. The next few training dates are:

April 20-22, 2004

May 25-27, 2005

June 15-17, 2004

Please call 800-735-6654 ext 342 for further details

F.Y.I.

GSA CONTRACT

ITI currently has items listed on the GSA Federal Supply Schedule (FSS). Our General Supply Service number is: GS-24F-0015N. Currently listed on GSA are our R.A.P.I.D. System, Commercial BioReagents, and Custom Freeze-Dried BioReagents. Please visit www.gsaelibrary.gsa.gov/ to obtain more information on products and pricing.

R.A.P.I.D. MANUAL AND SOFTWARE

Due to US State Department and Office of Defense Control regulations, ITI can no longer provide the R.A.P.I.D. manuals (Technical and Operator) and software download on our web page (www.idahotech.com). If you need to obtain a copy of these items please contact customer service at 1-800-735-6544 ext 409.

Calendar of Events

CBMTS VI World Congress

Place: Spiez, Switzerland

Date: April 25-30, 2004

www.asanltr.com

Matt Scullion: A New Hand-Portable Device for Real-Time DNA Identification of Biological Agents

Nicole Moreno: Effective Product Training for Identifying Biological Agents Using Real-Time DNA

AIH

Place: Atlanta, GA

Date: May 8-11, 2004

www.aiha.org/

Kenny Yeh: Biosensor Technologies and Field Use

Education Program: [PDC-704](#), Current Direct Reading Technology for Chemical, Biological, and Radiological Agents

CBW

Place: Gothenburg, Sweden

Date: June 2-6, 2004

www.cbwsymp.foi.se/

Kirk Ririe: RAZOR- A Battery-Operated Instrument for DNA Identification of Biological Agents

Kenny Yeh: An Effective Training Course for Identifying Biological Agents Using Real-Time DNA

Texas Water 2004

Place: Arlington, TX

Date: April 5-7, 2004

Booth # 1200

www.texas-water.com

AWWA Water Security Congress

Place: Charlotte, NC

Date: April 24-28, 2004

Booth # 2

www.awwa.org

EPA Midwest Security & Preparedness Exhibition Place

St. Louis, MO.

Date: May 3-6, 2004

Booth # 31

www.mwsecurityconf.com

AWWA National Congress

Place: Orlando, FL

Date: June 12-16, 2004

Booth # 1853

www.awwa.org

WQTC AWWA

Place: San Antonio, TX

Date: November 14-18, 2004

www.awwa.org



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RETURN SERVICE REQUESTED

Mailing Address

If there is information you would like to see in our newsletters, please let us know. We would like to hear from you. Please send us your valued experience and questions to Nicole_bethers@idahotech.com. We will share your stories and answers to your questions in the next newsletter.