

Idaho Technology Biodefense Systems



*Leading the Industry in Rapid BioWarfare
and Pathogen Identification*



Identification Systems



RAZOR® EX System

Made for field use, the RAZOR EX provides automatic analysis in a compact, lightweight, and easy to use system. It is a battery powered field PCR unit that provides ultra-reliable DNA based results in less than 30 minutes. Created for first responders and front line military troops, it is easily operated while working in protective equipment under extreme conditions. The RAZOR EX is on the approved product list for Homeland Security.



The 10™

The 10 target screen kit is a leap in the capability for the RAZOR system. With the development of Idaho Technology's universal control and unique inhibition control, RAZOR users now have the ability to test for 10 pathogens in one pouch. In 30 minutes, 10 PCR quality results are available with minimal set up.



R.A.P.I.D.® System

The R.A.P.I.D. is ideal for mobile labs when the greatest flexibility is required. Since 1999, this sturdy system has provided automatic analysis the world over. Coupled with a comprehensive line of sample preparation kits and freeze dried reagents the R.A.P.I.D. system is capable of testing a wide range of sample types and pathogens.



Ready Response

Idaho Technology's Ready Response Kit compliments the R.A.P.I.D. System with all of the additional accessories necessary to perform successful R.A.P.I.D. tests on the go. Each item has been selected for maximum flexibility to efficiently stock your mobile lab.



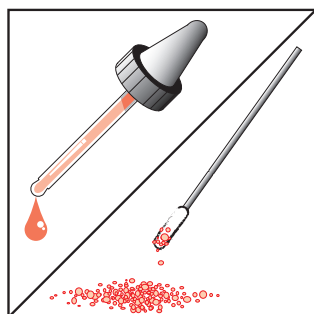
JBAIDS

The standard for the U.S. Department of Defense, JBAIDS is built upon the R.A.P.I.D. technology and is FDA 510(k) cleared. The JBAIDS system can analyze environmental and clinical samples for a wide variety of pathogens. This mobile lab/hospital system is available to the U.S. DoD and US Federal agencies only.

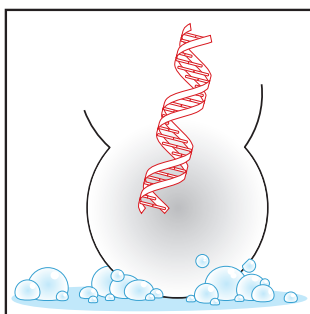
System Components



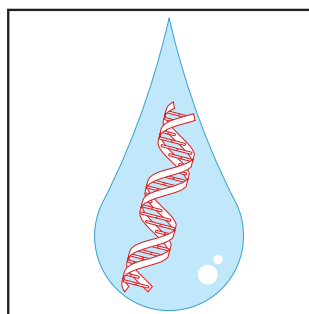
Components of Pathogen Identification



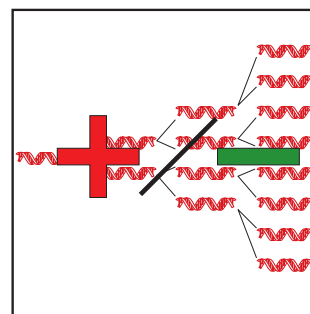
Sample Collection



Sample Prep



Reaction Prep



Run/Analysis

Idaho Technology's Biodefense systems provide high-confidence answers in a short amount of time.

Instruments DNA-based real-time PCR detection for maximum sensitivity and specificity in the minimum amount of time. These tools meet the needs of the first responder, field hospital, mobile lab, and soldier.

Sample Preparation ITI's 1-2-3™ series of sample preparation kits is flexible for a wide range of applications. Sample types include powders, food, soil and blood. All kits are optimized for biowarfare agent preparations of DNA and RNA.

Freeze Dried Reagents allow for the greatest ease of use, sensitivity, and specificity. ITI's broad test menu covers bioterror threats, food borne pathogens, and exotics like avian influenza. The freeze-dried reagents come in tube and pouch formats to fit the identification system of choice.

- RAZOR freeze-dried pouches
- JBAIDS/U.S. Federal reagents
- ITI Commercial for the R.A.P.I.D. platform
- Food protection tests

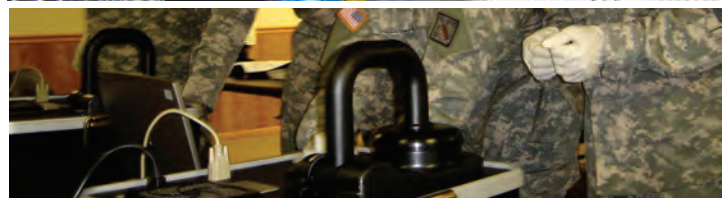
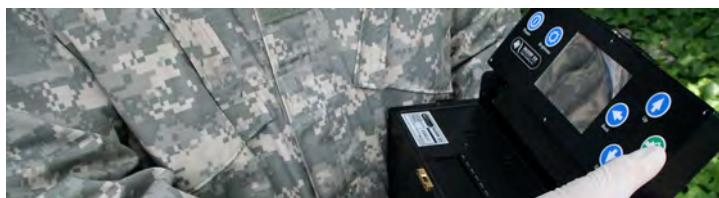
Biodefense



Idaho Technology Inc. has been the leader in the biodefense business since 1999. With the launch of the R.A.P.I.D. system we created fast, accurate and easy to use instrumentation systems to meet the needs of the biodefense industry. Our systems have set the standard for biological identification using PCR.

Today biodefense takes on many forms; unknown white powder, clandestine garage labs, building security or military force protection. the best tools are required for uncompromised protection.

Ensure you are using tools that employ the latest technology for the most reliable biological indentification. Benefit from our extensive experience in the biothreat industry. Our platforms provide cutting edge technology, rugged design, speed and accurate results while remaining very easy to use



Idaho Technology



Hardware

Software

Support

Reagents

Biodefense

Environmental

Industrial

Food

Life Science

Incorporated in 1990, Idaho Technology has years of experience developing exciting instruments, software and chemistries. Our customers range from life science researchers and medical technicians to the U.S. military, Department of Defense and Homeland Security agencies.



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For additional information regarding our products and applications, please contact our Customer Service Department at Idaho Technology Inc.