



RADON TESTING PRODUCTS & LABORATORY SERVICES



800-247-2435

AccuStar 888-480-8812

Nationally Accredited & Certified / Licensed in States Where Required



Professional Radon Laboratory Services

The Professional's Choice
for Accuracy and Reliability

Table of Contents

AccuStar	4
Liquid Scintillation Test Kits	4
Alpha Track Kits.....	4
Charcoal Canister Kits	5
Diffusion Barrier Charcoal Canister Kits.....	5
Radon in Water Test Kits.....	6
Test Accessories.....	6
Reporting Options	7
Air Chek	8
Air Chek Short-Term Test Kit.....	8
Pro Chek Short-Term Test Kits.....	8
Radon in Water Test Kit	8
Alpha Chek Test Kit.....	8
Professional Services / Mobile App	10
Testing Options	11
Continuous Radon Monitors / GM 1-2	12
RadStar Alpha	12
RadStar Alpha Management Cloud.....	13
RadStar Alpha Accessories	14
RadStar GM 1-2	14
Conditions of Sale.....	15
Training	15





AccuStar® and Air Chek™ radon laboratories are owned by Spruce Environmental Technologies, Inc., a company founded more than 30 years ago with the purpose of making indoor air safer. The two laboratories combined have sold more than 10 million radon test devices to date, making Spruce Laboratories the largest radon testing products manufacturer and laboratory services provider in the world.



Founded in 1984, AccuStar became “the professionals’ choice” for radon testing devices, offering a variety of services and products, including RadStar continuous radon monitors. AccuStar’s diversity of testing products includes a total of 12 different test kit packages, including: 4 short-term radon in air devices in 8 different sizes and packages, single and double long-term alpha track radon in air kits, and single and double radon in water test kits. In addition, AccuStar offers 3 models of the new, state-of-the-art RadStar Alpha continuous radon monitors, the latest generation of our popular RadStar RS series monitors.



Air Chek was founded in 1985 and is well-known and highly regarded for its inexpensive yet reliable test devices, popular with testing professionals, state and local agencies, and homeowners. Air Chek’s Pro Chek test devices for professionals provide the testing pro with not only reliable test results but also a wide range of results reporting and management services at no additional charge.

AccuStar and Air Chek devices and laboratories are nationally certified and certified or licensed in states where required. They offer multiple results delivery options and quick results turnaround times.

Laboratory Locations / Services

Spruce Laboratories are located in Massachusetts, Pennsylvania, and North Carolina.

AccuStar Massachusetts Laboratory

Mail, UPS & FedEx delivery
2 Saber Way
Ward Hill, MA 01835-8000

USPS test device delivery
P.O. Box 3008
Haverhill, MA 01831-3018

Toll-free: 888-480-8812
Local: 978-521-7498

Analysis Offered:

- Liquid Scintillation
- Charcoal Canisters 2.75”, 4”, & 4” Diffusion Barrier
- Alpha Chek
- Radon in Water

AccuStar Pennsylvania Laboratory

Mail, UPS & FedEx delivery
929 Mount Zion Road
Lebanon, PA 17046-2243

USPS test device delivery
P.O. Box 562
Jonestown, PA 17038

Toll-free: 800-523-4964
Local: 717-274-8310

Analysis Offered:

- Charcoal Canister 2.75”

Air Chek North Carolina Laboratory

Mail, UPS & FedEx delivery
1936 Butler Bridge Rd
Mills River, NC. 28759-3892

USPS Delivery
P.O. Box 2000
Naples, NC 28760

Toll-free: 800-AIR-CHEK or
800.247.2435

Local: 828-684-0893
Fax: 828-684-8498
Email: info@radon.com

Analysis Offered:

- Air Chek
- Pro Chek



AccuStar®

AccuStarLabs.com

Short-term devices are used for initial radon testing and to assess the performance of a radon mitigation system. The test device must remain undisturbed for 48 to 96 hours under closed house conditions. Available in packages with one or two liquid scintillation (LS) vials or charcoal canisters. Double devices are recommended for real estate transactions.

Long-term devices are recommended as the best way to determine exposure to radon during different seasons and living conditions. They are often used to confirm an elevated short-term test result. The test duration is 91 days to one year, and closed house conditions are not needed. Available in packages with one or two long-term Alpha Track devices.

Liquid Scintillation

- Passive, short-term radon in air test device
- Test Duration: 2-4 Days
- Small, lightweight, convenient for large projects
- Activated carbon sampling method
- LS vial (2in1) has built in humidity desiccant
- Lower Limit of Detection (LLD) < 0.4 pCi/L
- Relative Percent Difference (RPD) < 10% consistently
- Available in single, double and bulk packaging
- 3-year shelf life

Alpha Track

- Passive, long-term radon in air test device
- Test Duration: 91 days to 1 year
- Rugged structural filter for both indoor and outdoor use
- Twin serial labels, human and bar code readable
- Clear, direct-read pouch reduces serial errors
- Hemispherical housing base for better track distribution
- Available in single, double and bulk packaging
- 3-year shelf life

	ITEM	DESCRIPTION
	Liquid Scintillation Kit (Single)	Short-term, 2 to 4 day test; includes one test vial, analysis, and return postage.
	Liquid Scintillation Kit (Double)	Recommended for real estate transactions; short-term, 2 to 4 day test; kit includes two test vials, analysis, and return postage.
	Alpha Track Kit (Single)	Long-term (91 days to 1 year); includes one device, analysis, and return postage.
	Alpha Track Kit (Double)	Recommended for real estate transactions, long-term (91 days to 1 year); includes two devices, analysis, and return postage. (Available in Canada)









Charcoal Canister Kits

- Passive, short-term radon in air test device
- Test Duration: 2-4 days
(2-7 days for Diffusion Barrier Canisters)
- Environmentally sound: no waste (charcoal recycled)
- Analysis corrects for humidity by weight and temperature*
- Less likely to be accidentally disturbed due to canister's weight and low center of gravity (a consideration in homes with pets or children)
- Available in single, double and bulk packaging
- 3-year shelf life
- Same-day reporting services available



*Excludes diffusion barrier devices

	ITEM	DESCRIPTION
	2.75" AC Kit (Single)	2 to 4 day test; includes one 2.75" charcoal canister, analysis, and return postage.
	2.75" AC Kit (Double)	Recommended for real estate transactions; 2 to 4 day test; includes two 2.75" charcoal canisters, analysis, and return postage.
	4" AC Kit (Single)	2 to 4 day test; includes one 4" charcoal canister, analysis, and return postage.
	4" AC Kit (Double)	Recommended for real estate transactions; 2 to 4 day test; includes two 4" charcoal canisters, analysis, and return postage.
	4" Diffusion Barrier Kit (Single)	Diffusion barrier reduces the effects of drafts; 2 to 7 day test; includes one 4" diffusion barrier charcoal canister, analysis, and return postage.
	4" Diffusion Barrier Kit (Double)	Recommended for real estate transactions. Diffusion barrier reduces the effects of drafts; 2 to 7 day test; easy to use; humidity resistant includes two 4" diffusion barrier charcoal canisters, analysis, and return postage.








Radon in Water Test Kits

Proper sampling is the most important step in obtaining reliable results for analysis of drinking water. AccuStar's LS water test kit and analysis help to ensure that your sample will produce an accurate result. Minimum sample volume is 20 ml.

Kit includes: boro-silicate glass VOA sample collection vial with Teflon sepa cap water collection vial, instructions, return mailing box with postage-paid label, laboratory analysis, and written report via e-mail or mail.



RADON IN WATER	ITEM	DESCRIPTION
	Radon in Water Kit (Single)	Kit includes one water collection vial, instructions, analysis, and return postage.
	Radon in Water Kit (Double)	Kit includes 2 water collection vials, analysis, instructions and return postage.
ACCESSORIES	ITEM	DESCRIPTION
	Door Hanger	"Radon Test in Progress" door hanger sign serves as a reminder to maintain closed house conditions.
	LS Test Kit Hanger	Allows LS vial to be hung via string, paper clip or other method (not included) to avoid test disturbances.
	Tamper Protection Labels	Can be affixed to windows or test devices and, if disturbed, will indicate tampering.



Reporting Options



ACCUSTAR





	PRO					INSTITUTION		
	Residential Testers / Home Inspectors	Multifamily / School Testing	Mitigation - Diagnostic	Post-Mitigation	Mitigator Home Shows	Radon Education / Outreach Programs	Resellers / Retailers	School Testing
2.75" AC Kit (Single)		✓		✓	✓	✓	✓	✓
2.75" AC Kit (Double)	✓		✓					
4" AC Kit (Single)		✓		✓	✓	✓		✓
4" AC Kit (Double)	✓		✓					
4" Diffusion Barrier Kit (Single)		✓		✓	✓	✓		✓
4" Diffusion Barrier Kit (Double)	✓		✓					
Liquid Scintillation Kit (Single)		✓		✓	✓	✓	✓	✓
Double LS Kit for Real Estate (Double)	✓		✓				✓	
Alpha Track Kit (Single)					✓	✓	✓	✓
Radon in Water Kit (Single)			✓		✓	✓	✓	
Radon in Water Kit (Double)	✓		✓	✓				



RADON IN AIR AND RADON IN WATER TEST KITS

Air Chek, the newest member of the Spruce family of brands, manufactures, analyzes and distributes the best-selling radon test devices in the world. The Air Chek laboratory and devices are certified nationally and certified and/or licensed in all states where required. Air Chek serves radon professionals with same-day analysis, online availability of test results, and matchless quality from its state-of-the-art, NELAC-accredited laboratory facilities located in Western North Carolina.

Air Chek offers Pro Chek customers multiple reporting options in a variety of data formats to fit your specific needs. They include the most commonly used report styles as well as custom styles and formats. Call us at **800-247-2435** if you have special reporting needs. Also inquire about bulk pricing and reporting for large buildings and schools and FedEx Return Service for discounts on return shipping.

PRODUCT	ITEM	DESCRIPTION
	Air Chek Short-Term Radon in Air Test Kit*	Easy to use, 3 to 7 day test; can be hung to avoid test disturbance; includes one test device, instructions, analysis, and return postage. (U.S. Only)
	Pro Chek Short-Term Radon in Air Test Kit	Recommended for professionals. 2 to 4 day test includes instructions, one test device, analysis. Deploy 2 devices side by side to satisfy real estate protocols.
	Alpha Chek Radon in Air Test Kit	Test durations: 14 days to 1 year. Long-term testing requires 91 days or longer. Includes test device, instructions, and analysis.
	Radon in Water Test Kit	Includes water collection vial, hose fitting for easier collection, instructions, analysis, and return mailer (postage not included)

*Retail kit also available



Air Chek Short-Term Test Kit

- Test duration: 3 to 7 days
- Activated charcoal technology
- Includes device built-in hanger, instructions, prepaid return mailer, and lab analysis
- Report available by fax, mail or email

The Air Chek kit is most often used by non-professionals and has a longer test period with fewer reporting options than those provided by the professionals-only Pro Chek kit. Retail kit also available.



Air Chek Air Test Kit

Pro Chek Short-Term Test Kit

- Test duration: 2 to 4 days
- Available only to professionals
- Includes test device, instructions, prepaid return mailer, and lab analysis
- Also includes choice of report styles and formats to fit specific reporting needs

Call us at 800-247-2435 to set up your professional account and tell us your return shipping and reporting needs.



Pro Chek Air Test Kit

Alpha Chek Radon Test Kit

- Test duration: 14 days to 1 year (91+ days to qualify for long-term testing)
- Alpha Chek technology
- Ideal for follow-up measurements
- Includes test device, instructions, and lab analysis
- Written report by fax, mail or email

The most common use for alpha tracks are long-term (91 days to 1 year) measurements, but the highly sensitive Alpha Chek device can be used for measurement periods as short as 14 days.



Alpha Chek Test Kit

Radon in Water Test Kit

- Collection vial must be returned for lab analysis immediately after water collection
- Includes collection vial, hose fitting, instructions, return mailer, and lab analysis
- Written report by fax, mail or email

Proper sampling is the most important step in obtaining reliable results for analysis of well water. The Air Chek water test collection vial, when used with the hose fitting, helps to reduce sampling errors.



Radon in Water Test Kit



CALL TOLL FREE 800-247-2435 | NC 828-684-0893



Professional Services from Air Chek

Exclusive Pro Chek Features for Professionals

Professional radon tests often involve tight deadlines, so fast and reliable reporting services are a must. The Pro Chek program for professionals will make your radon clients glad they picked you. All you have to do is obtain a Customer ID (CID) and password, let us know your report preferences, and order our Pro Chek kits. Once you make your first purchase as a pro, our computers take over to deliver your report to you the day the kits are analyzed. The chart on page 11 shows some of the devices and services available. Contact Air Chek at **800-247-2435** or **info@radon.com** to learn more about device selection, reports, and services.

Pro Chek Benefits

- Guaranteed priority lab processing
- Results within 6-hours of express courier delivery (M-F)
- Online access to the radon-pro.com website
- Online test results 24/7
- Re-send reports to your clients by e-mail or fax
- FedEx discounts on return shipping
- Online ordering
- Quantity discounts
- Free ground shipping
- Same-day Express shipping for orders received by 3 PM
- Training discounts
- All this at **NO EXTRA CHARGE!**

Reporting Options

- Below are a few examples of the most common report options, but custom reporting is also available.

Real Estate Report - Shows an average of results from 2 kits placed side-by-side per real-estate testing protocols.

Large Building Report - For large-scale testing projects requiring detailed placement data; this report is often requested in a database format for importing into spreadsheets, etc.

Inspector Report - Another basic report style, but contains more data from us to help you keep your test records sorted out.

Schools & Large Buildings Testing Packages

In addition to other Pro Chek benefits, Air Chek has the most comprehensive and user friendly school testing program available. Our kits have been used to test nearly 500,000 school rooms since 1986.

Our program and those for large and multifamily buildings include the basic elements consistent with the original US EPA radon testing protocols as well as the ANSI/AARST Schools and Large Buildings Measurements and Multifamily Testing Standards...plus discounted training classes on *Testing Schools and Large Buildings* and on *Multifamily Testing* through our parent company, Spruce Environmental Technologies, Inc.

Our comprehensive school, large buildings, and multifamily testing management packages include Pro Chek test kits and the all the electronic management, quality control, documentation, and reporting you need to test for radon in schools. Contact us at **800-247-2435** or **info@radon.com** to learn more.



CALL TOLL FREE 800-247-2435 | NC 828-684-0893



Mobile App

For those clients that will be performing five hundred or more tests, Air Chek offers a cloud-based solution that can be used on any mobile device.

The Scanner app is a redesign of our Android DataLogger application with the goal of making the deployment of small and large-scale radon testing programs even easier. The app is implemented as a mobile web app and has the following advantages:

- Run anywhere – Use any mobile device with a web browser
- Offline first – App remains accessible even with no Internet connection
- Cloud-based – Your work is saved locally and synced when you come back online.

Inquire about The Mobile App and other Air Chek benefits offered exclusively to Pro Chek professionals.

Contact us at **800-247-2435** or info@radon.com.



Reporting Options

	PRO					INSTITUTION		
	Residential Testers / Home Inspectors	Multifamily / School Testing	Mitigation - Diagnostic	Post-Mitigation	Mitigator Home Shows	Radon Education / Outreach Programs	Resellers / Retailers	School Testing
Air Chek Test Kit	✓			✓	✓	✓	✓	
Pro Chek Short-Term Test Kit	✓	✓	✓	✓				✓
Radon in Water Test Kit	✓		✓					
RSSI Alpha Track Test Kit	✓		✓				✓	



RADSTAR ALPHA CONTINUOUS RADON MONITORS



The new RadStar Alpha Series continuous radon monitors will revolutionize the way you think about managing your radon testing business. The Alpha Series is a new line of RadStar CRMs that modernize our proven RadStar measurement technology and provide the industry with modern communication tools, mobility, and the ability to manage your entire testing business through our custom cloud portal (Radon Management Cloud) designed specifically for the needs of radon professionals.

FEATURES

- 3 Models available at 3 sensitivity levels
- Radon, Temperature, Humidity, Barometric Pressure
- Bluetooth LE and USB
- Report in pCi/L and Bq/m³
- Rechargeable Battery
- Store up to 5 Tests in Memory
- Rugged/Durable Design

See page 14 for
RadStar Alpha Accessories.



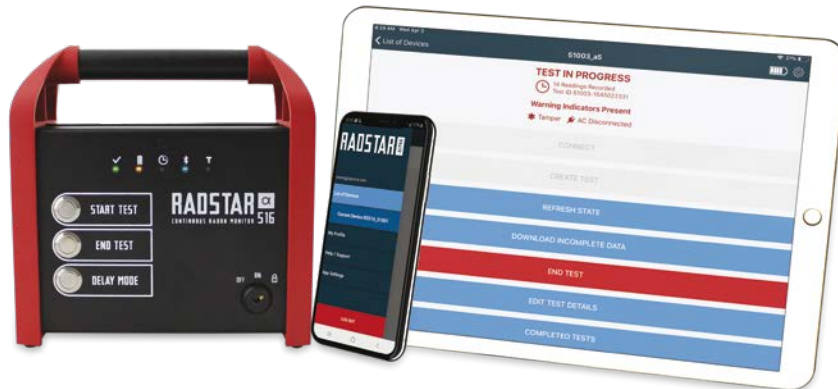
PARAMETER	α310	α516	α830 (Rental Available)
Sensitivity (cph)	10	16	28
Radon	✓	✓	✓
Temperature		✓	✓
Humidity		✓	✓
Barometric Pressure		✓	✓
Report in pCi/L and Bq/m ³	✓	✓	✓
Website Management Tool	✓	✓	✓
Mobile App via Bluetooth	✓	✓	✓
Desktop App via USB	✓	✓	✓
Color	Green	Red	Blue



FOR MORE INFORMATION, INCLUDING PRICING
AND ONLINE DEMONSTRATIONS, VISIT:

RadStarAlpha.com

RADON MANAGEMENT CLOUD



The **Radon Management Cloud** is the web-hosted application that will provide you access to manage your company's testers, test details, and reporting features. We have developed both a mobile application and a desktop application you will use in the field to start, stop and synchronize your radon test results to the **Radon Management Cloud**.

MANAGEMENT CLOUD FUNCTIONS INCLUDE:

- Manage, in one place, all tests performed by your company
- Customize and standardize report content and layouts for your company
- Customize email notifications to your customers
- Manage, Administrator and Tester users within your company
- Online storage and backup

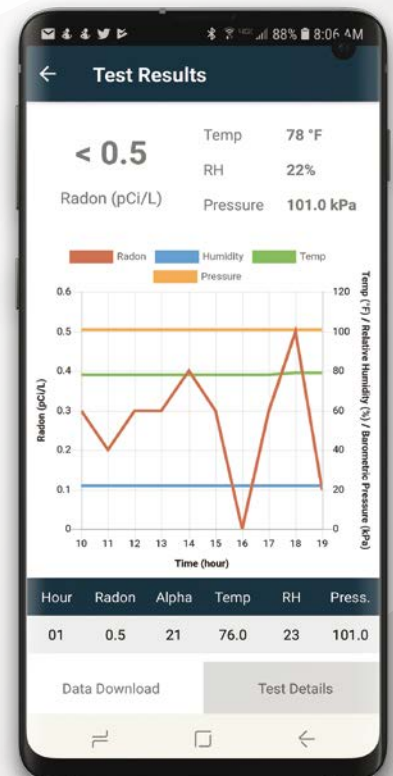
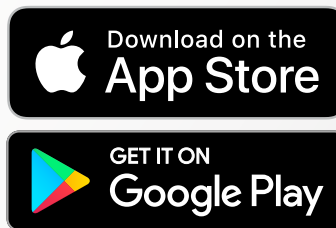
THE RADON MANAGEMENT CLOUD IS COMPATIBLE FOR USE WITH ALL RADSTAR ALPHA MODELS AND:

- RadStar Alpha α 310
- RadStar Alpha α 516
- RadStar Alpha α 830
- RadStar RS300
- RadStar RS800
- Sun Nuclear 1027

ACCESSIBILITY

Mobile: The Radon Management Cloud will be available for all iOS and Android mobile devices, including phones and tablets.

Desktop: The desktop app will be available for use with Windows PCs.





ACCESSORIES	ITEM*	DESCRIPTION
	Large Carrying Case	Black durable plastic case with protective egg crate foam lining. Holds 2 Alpha devices. 20.1" x 15.5" x 7.6"
	Small Carrying Case	Black durable plastic case with protective egg crate foam lining. Holds 1 Alpha device. 15.1" x 12.1" x 6.8"
 (RadStar Alpha α516 not included)	Tripod	Lightweight, adjustable black stand. Extendable stand pole locks in place. Total weight less than 3 lbs.
	Calibration & Biennial Battery Change	Factory calibration (required every 2 years) and battery replacement.
GM 1-2	ITEM	DESCRIPTION
	RadStar GM 1-2	Includes: charging adapter, micro-manometer tubing, grab sampler tubing, drying tube, and 6 inline filters.
	RadStar GM 1-2i	International model includes all of the above, plus international power supply.
	Replacement Filters	5 RadStar GM 1-2 replacement inline filters.
	Replacement Inlet Assembly	Drying tube, inlet filter, tubing, inlet fitting, caps.
	Drying Tube	Polycarbonate unit for drying air and gases; turns pink when drying capacity exhausted.



Conditions of Sale

All sales prepaid unless credit is pre-approved. Credit terms are net 15 days. The Seller reserves the right to revoke credit at any time. Past due balances are subject to a 1.5% per month late charge.

Shipping and handling charges are additional. All prices and conditions are subject to change without notice.

The goods sold hereunder are warranted to be free from defects in material and workmanship and the services are warranted to be performed in accordance with all applicable regulations in force at the time of the performance of the service. Seller will repair or replace, without charge, any goods proven defective and will re-perform any services that do not conform to applicable regulations (in force at the time of original service), conditioned upon the user's compliance with all testing requirements. All test kit sales are final. **Purchased RadStar equipment** is subject to a thirty (30) day return policy and a 20% restocking charge, provided that the goods are returned in resalable condition and in the original packaging (the purchaser must obtain an RMA prior to return). Shipping and handling charges are not refundable on returns. **Purchasers of RadStar equipment and renters of the same** must refer to the warranty provided with said equipment (whether purchased or rented) for additional terms. Except as stated above, no refunds or exchanges will be made for products or services purchased from the Seller.

EXCEPT AS STATED ABOVE, THE GOODS AND SERVICES RELATED THERETO ARE PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE SELLER'S AGGREGATE LIABILITY SHALL NOT IN ANY EVENT EXCEED THE AMOUNT OF THE PURCHASE PRICE OF SAID GOODS OR SERVICES. THE SOLE AND EXCLUSIVE REMEDY UNDER THE SELLER WARRANTY SHALL BE THE REPAIR OR REPLACEMENT OF THE GOODS OR THE RE-PERFORMANCE OF THE SERVICES, TO THE EXTENT THE SAME DO NOT MEET WITH SELLER'S WARRANTY AS PROVIDED ABOVE.

CERTIFICATION AND CONTINUING EDUCATION CREDITS

CERTIFICATION AND ADVANCED CERTIFICATE COURSES

Entry-level and advanced courses are offered periodically and by request in Classroom Locations. They are available on a scheduled basis and by request as Live Webinars and as self-guided, online courses. Measurement courses are also offered on a regular basis in conjunction with The ASHI School. Watch for email updates, check the Live Training Schedule and Course Catalog on our training website (spruce.com/radon-training), or email training@spruce.com for updates.

Certificaton and Advanced Courses Currently Offered:

Radon Measurement	Testing Schools & Large Buildings
Radon Mitigation	Mitigating Schools & Large Buildings
Multifamily Measurement	Advanced RRNC 2.0
Multifamily Mitigation	

CONTINUING EDUCATION CLASSES

CE classes are scheduled in Classroom Locations or via Live Webinars as needed and when requested. Many of our CE courses are available as self-guided, online classes that you can register for and take anytime, at your convenience. The catalog of online courses is continually updated and includes practical measurement, mitigation, and business tips. To check CE course listings or to register for an online CE course at \$25.00 per credit hour, go to the Spruce training website, spruce.com/radon-training, and click on Course Catalog to make your selection.





Professional Radon Laboratory Services
2 Saber Way, Ward Hill, MA 01835-8000

OVER 10 MILLION TESTS SOLD WORLDWIDE...

MORE TESTS THAN ANY OTHER RADON LABORATORY!

- Reliable, Accurate Results
- Responsive, Personal Customer Service
- Customized Reports & Services
- Large Project Data Management

Accredited Laboratory Analysis
Quick Results Turnaround Time
Results Online, Via Email, By Phone