



P23 LABS

TRUSTED LABORATORY EXCELLENCE

A High-Complexity Molecular Diagnostic Laboratory



P23 Mission

Practice laboratory excellence, while serving the under-served and removing healthcare barriers.

P23 Vision

To become a leader in the field of contract research organizations and become the first organization of this type to also offer genetic identity products directly to the consumer while maintaining employee satisfaction. P23 Labs is so much more than a clinical laboratory, we are a molecular innovation wonderland.

It's In Our DNA!

Our vision encourages us to find the magic, balance, and integration between science, medicine, health, digital healthcare, and clinical diagnostics. We are driven by our pursuit for excellence, passion for science and innovation, and desire to become the largest private preventative public health laboratory in the United States.

Trust P23 Labs to Deliver Laboratory Excellence

P23 Labs is a high-complexity molecular diagnostic laboratory that specializes in preventative diagnostic testing of infectious disease.

We offer a full suite of molecular diagnostic tests that also include Women's Health, STI, UTI, respiratory pathogen profiles, and other infectious diseases. We are dedicated to removing healthcare barriers and improving healthcare literacy by fortifying the relationship of patients and providers by increasing access to healthcare.

P23 Labs have specific proprietary assays for pathogens such as SARS-CoV-2, and other disease profiles for common pathogens identified in:

- Women's Health Infection Profiles to include HPV, Syphilis, Bacterial vaginosis and Mycoplasma genitalium
- Urinary Tract Infection Profiles (UTI)
- Respiratory Pathogen Profiles (RPP)
- Gastrointestinal Profiles (GI)
- Wound Care Profiles
- Nail and Fungal Infection Profiles with Anti-fungal analysis by molecular methods



Experience The Difference

P23 Labs bolsters State-of-the-Art equipment to enhance our PCR process. Partnered with stellar SOPs we have a current maximum daily capacity of 80,000 tests per day, resulting in quick turn around times, and happy patients. When you partner with P23 you can expect:

- Results within 48 hours of lab receipt
- Completely noninvasive specimen collection
- Analysis completed in-house
- Results available via client portal or we can integrate with your LIMS

Real-Time Polymerase Chain Reaction

Real-Time Polymerase Chain Reaction (RT-PCR) is 3-5 times more sensitive than conventional culture techniques and allows P23 Labs to report pathogen identification with suggested antibiotic treatment based on antibiotic resistance genes within 12-24 hours after specimen arrives at the lab.





COVID-19 RT-PCR Assay

P23 Labs has a saliva-based RT-PCR Assay with >98% sensitivity and specificity with EUA review and approval by the FDA.

We are proud to be the first laboratory in the United States to receive an EUA for our unsupervised, at-home saliva based COVID-19 RT-PCR Assay.

Our TaqPath SARS-CoV-2 test is authorized for use with oropharyngeal, nasopharyngeal, anterior nasal, and mid-turbinate nasal swabs, as well as nasopharyngeal wash, nasal aspirate specimens, and bronchoalveolar lavage samples.

In addition, it can use saliva samples collected using OraSure Technologies' Omnigene Oral OM-505 saliva collection device.

Our saliva based SARS-CoV-2 test kit enables testing for people that do not have the ability to get to a collection center or are at home because they are sick, quarantined, at increased risk for infection, or simply concerned about exposing themselves by traveling to a collection site.

From Our CEO

"Saliva is one of the strongest, early indicators of COVID-19 infections. P23 Labs was among the first companies in the world to recognize this uniqueness. Although we were the second approved EUA, we were the first for the at home unsupervised collection of specimens and the first to submit any data to the FDA on saliva testing instead of nasal specimens."

- Dr. Tiffany Montgomery,
CEO, CSO



P23 Optimum™

P23 Optimum™ is an oral DNA test that accurately gives personalized insight into:

- Detoxification Efficiency
- Bone Health
- Metabolism
- Inflammation Health
- Key Vitamin Intake
- Power and Endurance
- Ideal Recovery Period
- Injury Susceptibility
- Food Responsiveness
- Drug Responsiveness
- Weight Management

More than 75% of all patients have significant genetic variations (SNPs) in the most important nutritional metabolism pathways. P23 Optimum™ Nutrition reports identify 26 scientifically validated genetic SNPs to give patients a comprehensive solution for safer and more targeted nutritional recommendations.



P23 Respiratory ONE

TWENTY TARGETS IN ONE TEST

The P23 Respiratory ONE tests for a comprehensive set of twenty respiratory viral and bacterial pathogens giving you an accurate assessment of lung health in one to two days.

The P23 Respiratory ONE identifies the most common viral and bacterial pathogens that cause respiratory tract infections that present with nearly indistinguishable symptoms. The rapid and accurate identification of the probable causative agents helps determine how a healthcare provider chooses to treat a respiratory tract infection.

Viruses:

- Adenovirus
- Coronavirus HKU1
- Coronavirus NL63
- Coronavirus 229E
- Coronavirus OC43
- Human Metapneumovirus
- Human Rhinovirus/
- Enterovirus Influenza A
- Influenza A/H1
- Influenza A/H1-2009
- Influenza A/H3 Influenza B
- Parainfluenza Virus 1
- Parainfluenza Virus 2
- Parainfluenza Virus 3
- Parainfluenza Virus 4
- Respiratory Syncytial Virus

Bacteria:

- Bordetella parapertussis
- Bordetella pertussis
- Chlamydia (Chlamydophila) pneumoniae
- Mycoplasma pneumoniae

P23'S Clinical Advantages

- Detects monomicrobial, polymicrobial, antibiotic and anti-fungal resistance genes to provide suggested treatments more effective than any other established method
- Provides clinically actionable results based on scientific evidence
- Detects pathogens not detectable and commonly misses by traditional culture in microbiology
- Identifies pathogen/bacteria regardless of recent antibiotic use
- Greater sensitivity than traditional microbiology methods
- DNA testing than traditional microbiology methods
- Virtually eliminates inconclusive reporting of results
- Identifies the mix of gram positive, gram negative and fungal organisms
- Improves Antimicrobial Stewardship
- Reduce Antibiotic Resistance with more precise and targeted prescriptions
- Rapid diagnostic molecular methods allow for an earlier intervention and optimized therapy for better patient outcomes

P23 Labs takes pride in providing first class laboratory services to our clients. Our clients continue to commend us on our stellar turn around time and superior customer service.





Medical Testing



Blood Tests



DNA



Chemical Makeup




Clinical Treatments



Lab Results

Platform Features & Outcomes	Traditional Microbiology	Molecular Biology (The P23 Way)
Sensitivity & Resistance for Antibiotics	3-5 days minimum	12-24 hours (1 day)
Resistance Genes Analyzed	Unavailable	24 hours (1 day) included in final report
Finalized Pathogen Report/Results	3-10 days	12-24 hours (1 day)
Sensitivity & Resistance Reports	5-10 days	12-24 hours (1 day)
Test Performance (Sensitivity, Specificity, Accuracy)	Varies between 30%-85% depending on the lab and experience/conditions with organism	High (>95%)
Consistency of Report	Unavailable. Does not eliminate contaminated sample, mixed flora, or overgrowth results	Available. Does eliminate contaminated samples, mixed flora, and targets individualized results
Reports Complex Polymicrobial Infection (2+ Pathogens)	No	Yes



Trust P23 Labs to deliver laboratory excellence through our innovative, state-of-the-art molecular methods.



For more information:

Please email P23 Labs at info@p23labs.com

Call us at (912) 274-0002

or reach out to your Business Development contact.

Please follow us on social media [f](#) [@](#) [in](#) @P23Labs and [@](#) @LabsP23



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