



PRIME PATH LAB

PHARMACOGENOMIC TESTING

RIGHT DRUG. RIGHT DOSE. RIGHT PATIENT.

Unlock the power of **genetic testing** to prescribe the safest and most effective medications. **Pharmacogenomics** helps optimize treatment, prevent adverse drug reactions, and enhance patient outcomes through **personalized medicine**.



About Prime Path Lab

At Prime Path Lab, we specialize in pharmacogenomic testing, offering **advanced genomic medicine** solutions for healthcare providers, physicians, and clinical laboratories. Our goal is to **revolutionize treatment** by using genetic insights to guide **patient-specific treatments** and **drug-gene interactions**.

Why Pharmacogenomics Testing Matters?

Prevents Adverse Drug Reactions



Reduces the risk of ineffective or harmful medications.

Optimizes Drug Selection



Helps physicians tailor medications to individual genetic profiles.

Enhances Treatment Efficiency



Reduces trial-and-error prescribing, leading to better patient outcomes.

Cost-Effective Healthcare



Decreases unnecessary hospitalizations and treatment failures.

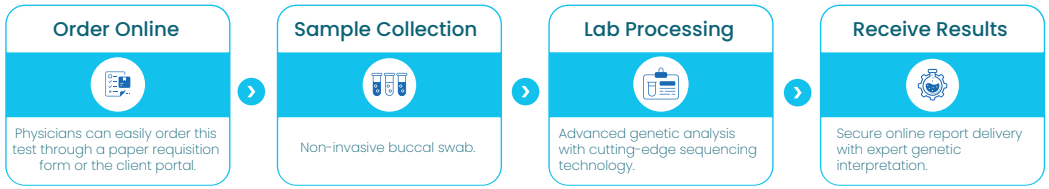


UNDERSTANDING YOUR PHARMACOGENOMICS PROFILE

Our Pharmacogenomics testing provides valuable insights into how your genetic makeup influences the metabolism of various medications. This personalized approach empowers healthcare providers to select the right medications based on your unique genetic profile, helping to optimize your treatment plan.

Gene	Drug Classes Affected
CYP2D6	Opioids, Antipsychotics, ADHD/stimulant, SSRIs, Antiemetics
CYP2C19	Antiplatelet, Antifungal PPIs, TCAs
CYP2C9	Antiepileptics, NSAIDs
CYP2B6	Antiretroviral, SSRI
CYP3A5	Immunosuppressant
DPYD	Fluoropyrimidines
TPMT	Thiopurines
SLCO1B1	Statins
NAT2	Amifampridine

How the Test Works



Turnaround Time



5-7 Business Days

Quick, accurate, and actionable insights to aid clinical decision-making.

Key Benefits

- ▶ Personalized Medication Selection
- ▶ Prevention of Adverse Drug Reactions (ADRs)
- ▶ Optimized Drug Dosage
- ▶ Faster & More Effective Treatment Plans
- ▶ One-Time, Lifetime Testing

Who Should Consider This Test?

- ✔ Patients on multiple medications (polypharmacy).
- ✔ Individuals with a history of adverse drug reactions.
- ✔ Patients with conditions requiring long-term medication (psychiatric disorders, cardiovascular diseases, pain management, oncology).
- ✔ Anyone seeking personalized medicine for safer and more effective treatment.



CONTACT & ORDERING INFORMATION

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