

## HAVE YOU EVER WONDERED...

- Why some people experience adverse drugs reactions and others do not?
- Why you need to review your current medications ?
- Why your physician may be prescribing new medications to you?
- Why you have slow or no improvement of your symptoms after trying several types of drugs?
- Why you experience side effects, such as severe headaches, with certain medicine and others do not?

## THE ANSWERS LIE IN YOUR GENES.

Your unique genes play a significant role in your personal response to medications. We do not all respond to the same medications in the same way. These differences can be linked to variations in genes that encode enzymes involved in each step of drug metabolism. Many medications are metabolized in the body by enzymes, and the rate of drug metabolism can vary significantly from patient to patient.

## PRIVACY STATEMENT

Unlike other genetic companies, XfinityLab does not sell our client's data or any personal information. XfinityLab adheres to strict confidentiality and privacy laws that ensure all our clients genetic information is kept private. No exceptions.

## WE TAKE YOUR PRIVACY VERY SERIOUSLY

Confidentiality is a respected part of the XfinityLab code of ethics. Your privacy is our number one priority. We pledge to uphold the highest standards of bioethics and maintain rigorous policies and procedures to keep your data safe and secure. We will not even share your DNA data with your physician without your permission and we will never sell your data. That is our strict policy. We guarantee it.



# DRUG SENSITIVITY GENETIC TEST

*Improve Yourself discovering what DNA says about you.*

**Understand how your genes affect your reaction to drugs**

**Make your medication treatment safer and more effective:**

- Lower risk of adverse drug reactions
- Attain optimal drug therapy with suitable medications and dosages
- Decrease personal healthcare costs
- Improve treatment compliance
- Cut trial and error process of newly prescribed medications
- Achieve wellness to live a full life
- Reduce potential for prescription drug aliuse and misuse

provided by



**XfinityLab Drug Sensitivity Genetic Test offers patients and physicians an integrated approach to healthcare**

- Complete Data Privacy
- Safe, Painless and Precise
- FDA Approved Medications
- Actionable Findings
- One Test, One Time, Lifetime of Understanding
- A New Standard of Preventive Healthcare

## XfinityLab. The life beyond.

XfinityLab is an expert and industry pioneer in integrating genomic testing into personal health management. Founded in Scottsdale, Arizona, we empower our clients to make smarter healthcare choices based on their unique genes. We believe each patient is unique and therefore should have a unique and tailored treatment plan. Our state-of-the-art clinical laboratories in the United States and Hong Kong provide physicians and their patients with actionable and accurate information. We simplify and summarize complicated genetic data into an easy to read format. This enables a clearer path towards healthier living using both predictive and preventative insight based on advanced genomic technologies.

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**SmartLifeDNA™**

a service of  SmartLifeSolution™



## THE DRUG SENSITIVITY TEST DETERMINES YOUR METABOLIZER STATUS FOR EACH MEDICATION:



### Normal metabolizer

- Breaks down medication normally
- Medication provides expected therapeutic benefit



### Intermediate metabolizer

- Breaks down medication slowly
- May have too much medication at normal doses
- Medication may not provide the expected therapeutic benefit, or side effects may be experienced at normal doses



### Poor metabolizer

- Breaks down medication very slowly
- May experience side effects at normal doses
- May have too much medication at normal doses



### Ultra-rapid metabolizer

- Breaks down medication rapidly
- May not get enough medication at normal doses
- Medication may not provide any therapeutic benefit

Knowing your medication metabolism rate, your physician may decide to increase or reduce the standard dose or even prescribe an alternative medication. The decision about which medication to prescribe may also be influenced by another medication that you are taking to avoid interactions between them. Your physician will be able to select the right dosage helping you reduce the trial and error process, achieve therapeutic results and avoid adverse drug reactions.

## PERSONALIZING YOUR MEDICATION TREATMENT

XfinityLab Drug Sensitivity Genetic Test examines how your genes affect your response to 190+ FDA-approved medications, from the simplest drugs like aspirin to those that are commonly prescribed for treating:

- Cardiovascular/heart disease
- Cancer
- Chronic pain
- Pediatric diseases
- Mental health conditions
- Neurological disorders
- Gout/hyperuricemia
- Heartburn and GI conditions ...

## WHO SHOULD CONSIDER TESTING?

- Patients who are on multiple medications
- Patients who suffer from chronic diseases
- Patients who are experiencing side effects from their current medications
- Patients who are not receiving the intended therapeutic benefits from their current medications
- Patient who will have a medication prescribed for the first time

Your physician will receive a detailed report indicating how you would respond to 85% of the most prescribed medications approved by the FDA. The report will also identify any drug-to-drug and gene-to-gene interactions from your current medication list. Your physician can use this information as a powerful and important tool to individualize your treatment plan and optimize the efficacy and safety of your prescribed medications.

## THE IMPORTANCE OF GENETICS: WHAT YOUR DNA SAYS ABOUT YOU

DNA is the genetic material in your cells that determines your traits. You inherit this genetic material, half from your mother and half from your father. It governs your physical appearance, like your skin color, hair color, eye color and height, as well as your predisposition to certain health conditions. Similarly, DNA also influences how your body functions, such as how your body utilizes and metabolizes medications. This is important because the rate of an individual's medication metabolism directly influences how effective these medications are specifically for you.

Your unique genes play a big role in your personal response to medications. Because we are all unique, we do not respond to the same medications in the same way. These differences can be linked to variations in genes that encode enzymes involved in each step of drug metabolism. Many medications are metabolized by these enzymes, and the rate of drug metabolism can vary significantly from patient to patient.

## MEDICATIONS AND PHARMACOGENOMICS

Your response to a specific drug can be affected by inherited genetic variations. Pharmacogenomics (PGx) is the study of how individual patients respond to specific medications based on their genetic make up. Using the latest discoveries in PGx, the XfinityLab Drug Sensitivity Genetic Test profiles and analyzes your unique genetic characteristics in terms of drug effectiveness and safety. Knowledge of your genetic

information can guide you and your physicians to make more precise, personalized and safer medical choices.

An XfinityLab Drug Sensitivity Genetic Test is both predictive and preventative to ensure you are on the correct medication and dosage from the beginning. Ask your physician now if a Drug Sensitivity Genetic Test from XfinityLab is right for you.



## A NEW STANDARD OF PREVENTATIVE HEALTHCARE

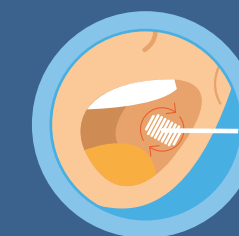
XfinityLab Drug Sensitivity Genetic Test offers patients and physicians an integrated approach to healthcare.

Knowing your genetic information allows you and your physicians to:

- Lower risk of adverse drug reactions
- Prevent prescription drug abuse (specifically opioids pain relievers)
- Attain optimal drug therapy with suitable medications and dosages
- Reduce the trial and error process of prescribing new medications
- Reduce personal health care costs in the long run
- Improve treatment compliance

## HOW IS MY DNA TESTED?

To gather your unique DNA, the simple and painless test requires only that a cotton swab be rubbed on the inside of your cheek. The sample will be delivered and analyzed in our state-of-the-art laboratory and you will receive your report in approximately 3-4 weeks.



Collect Cheek Swab