

## PGX TESTING

### Drug-Gene Testing can unlock the mystery of your Body's Drug Interaction

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*The Purpose of pharmacogenomic testing is to find out if a medication is right for you. Saliva sample can determine:*

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- *Whether a medication may be an effective treatment for you*
  - *What the best dose of a medication is for you*
  - *Whether you could have serious side effects from a specific medication or combination of drugs ingested*
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Personalized medicine is not the norm, and it should be.

Drug-Gene testing also goes by the name, "Pharmacogenomics", or also "pharmacogenetics". This means the study of how your genes affect your body's response to medications.

The word "pharmacogenomics" is combined from the words:

Pharmacology (the study of the uses and effects of medications), and  
genomics (the study of genes and their functions).

Your body has thousands of genes that you inherited from your parents. Genes determine which characteristics you have, such as eye color and blood type. Some genes are responsible for how your body processed medications. This is absolutely CRITICAL when taking medications and the importance of knowing which medications can be metabolized and processed by your body needs to be known BEFORE they are prescribed. It is estimated that only 5% of doctors in America conduct such a test before prescribing drugs. This is unacceptable. When I researched this, I learned that doctors most often prescribe a drug that they are connected with, or have contracted with the pharmaceutical company who manufactures it. They try the drug in the hopes that it will work. If it doesn't, they try another drug. It's called "Trial and Error" prescribing! This is the way the pharmaceutical industry wants it, but It's not beneficial for patients. We MUST take control of what medications are prescribed, to us, to our families.

Pharmacogenomic tests look for changes or variants in these gene that may determine whether a medication could be an effective treatment for you or whether you could have side effects to a specific medication.

Pharmacogenomic testing is one tool that can help your health care provider determine the best medication for you. Your health care provider should also considers other factors such as your age, lifestyle, other medications you are already taking and your overall health when choosing the right treatment for you. But knowing WHICH medications can even be processed and metabolized is the single most important factor in prescribing medications, and it's the one that's most rarely done.

Pharmacogenetic (PGx) testing studies Cytochrome P450 – the liver genes – that are responsible for the majority of drug metabolism in the body. Variations in these genes can determine the effectiveness of a medication in the body from therapeutic effect to the side effects experienced in the metabolism process.

### **ORDER YOUR PGx TEST HERE**

Your PGx test must be ordered by a doctor. This test must have a “medical necessity” according to the FDA. Regardless of how we as consumers deserve the right to understand the most about our bodies and what medications if any we were to consume, a doctor must still write a prescription for this test. But then it's most likely covered by your insurance. Medical necessity can be as simple as being on a prescription medication. There is a medical necessity that you know your body can process and metabolize it, and the only way you will know this is with this test. Even if it is not covered by your insurance, or you do not have insurance, the cost of each test is only \$199.

We will send you a packet and requisition form to take right to your doctor:

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

If you would like to have information sent to your doctor, please give us his information:

Doctor Name \_\_\_\_\_

Doctor address \_\_\_\_\_

Doctor phone number \_\_\_\_\_