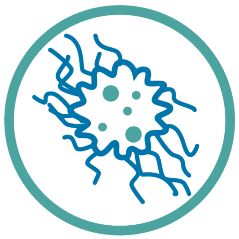
## Experience optimal health at any age

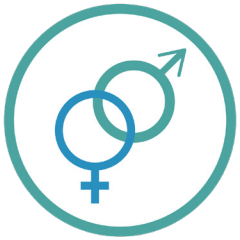
Your DNA provides important information that can influence your health at any stage in life. Use Genomic Inform™, a whole genome test that takes an in-depth look at thousands of your genes, to identify and understand the harmful changes in your DNA, if any.

For most people, no harmful changes will be found. But if they are, the results will enable you to:



### Proactively address disease predisposition risk

Half of annual deaths due to heart disease could be prevented. Early detection of cancer, before it's had a chance to spread, can significantly improve survival rate. The Genomic Inform™ test identifies variants that increase your risk of developing these and other diseases.



### Avoid passing a rare disease on to your children

An estimated 25 million or more people in the US suffer from a rare disease. Genomic Inform™ screening can identify whether you and your partner are silent carriers of the same or similar rare disease variant, before passing it on to your child.

### Identify which drugs are likely to work, or not

In some cases, genetics plays a role in how likely you are to respond to a particular drug or class of drugs. The Genomic Inform™ test can guide the choice of medication or dosage, helping protect against adverse reactions and ineffective treatment.

> If you have the choice between a genetic test that screens **0.01%** of your DNA and a genetic test that screens **>98%** of your DNA, which would you trust for making decisions about your health?

## Not all genetic tests are created equal

The direct-to-consumer tests advertised on TV, Facebook and other social media are very limited. They mostly provide recreational information. When they do provide health information, they most often test for only a few, well-characterized variants. Hundreds and even thousands of additional, equally harmful variants go untested.

To be more specific, these popular tests look at only 0.01% of your DNA.

Using whole genome sequencing (WGS), Genomic Inform™ looks at more than 98% of your DNA.

The result is a significantly more complete analysis of your DNA. Including full coverage of disease risk markers for conditions identified by the Centers for Disease Control and Prevention (CDC) as important genomic screening applications:

- ✓ Hereditary breast and ovarian cancer
- ✓ Familial hypercholesterolemia (increases risk of heart disease)
- ✓ Hereditary colorectal cancer

As well as disease risk variants for conditions that lead to increased risk of venous thrombosis, myocardial infarction, inflammatory bowel disorders like ulcerative colitis and Crohn's disease, polycystic kidney disease, age-related macular degeneration and many more.

Genomic Inform™ also provides a more complete analysis for carrier mutations. Including full coverage of four genetic disorders for which screening of all expectant mothers is recommended by both the **American College of Medical Genetics and Genomics (ACMG)** and the **American College of Obstetrics and Gynecology (ACOG):**

- ✓ Cystic fibrosis
- ✓ Thalessemia and hemoglobinopathies
- ✓ Fragile X syndrome
- ✓ Spinal muscular atrophy

As well as many additional disorders with a high carrier frequency in individuals of Ashkenazi Jewish and other ethnic descents including Tay-Sachs disease, Canavan disease, Familial dysautonomia, Gaucher disease, Nieman-Pick disease, Usher syndrome, Bloom syndrome, Joubert disease and many more. Genomic Inform™ additionally identifies carrier variants for disorders not considered by other tests including Rubenstein-Taybi syndrome, Lesch-Nyan syndrome and many others.

## How the testing process works

1.) Order the Genomic Inform™ test online. We will send you a saliva collection kit and test requisition form

2.) Have questions? Talk with a genetic counselor. Then fill out the test requisition form with your physician and return it with your saliva sample

3.) In ~8 weeks, a genetic counselor will meet with you to present and review the information in your personalized report


## About Variantyx and Genomic Inform™ test

We are a CLIA-certified and CAP-accredited genetic testing lab with unmatched expertise in whole genome sequencing (WGS) and data interpretation.

This brochure briefly addresses:

- What the Genomic Inform™ test covers
- How and why it provides a more complete analysis of your DNA than other tests
- How the testing process works

But there's a lot more to know about Genomic Inform™.

For answers to FAQs and additional resources, please visit our website:

www.variantyx.com/genomic-inform

Or call and talk with our clinical coordinators.

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# Genomic Inform™

## A whole genome test for healthy adults at any stage in life