Why consider genetic testing?

Multiple factors affect your health:

Diet and lifestyle

Studies have shown that the types and quality of food you eat and your lifestyle, for example how active you are, play an important role in your overall health.

Environment

Exposure to harmful substances like UV radiation, smoke and toxic chemicals like pesticides and other environmental hazards can also have an impact.

Genetics

In addition, information contained in your DNA can affect your chances of developing common illnesses as well as passing rare disorders on to your children.

By understanding the specific nuances of your genetic code you'll become aware of known genetic risks and will be able to make better decisions, in collaboration with your physician, that may affect your long term health.

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Genomic Inform™ Test

Helping you understand your DNA and take charge of your health

What is Genomic Inform™ test?

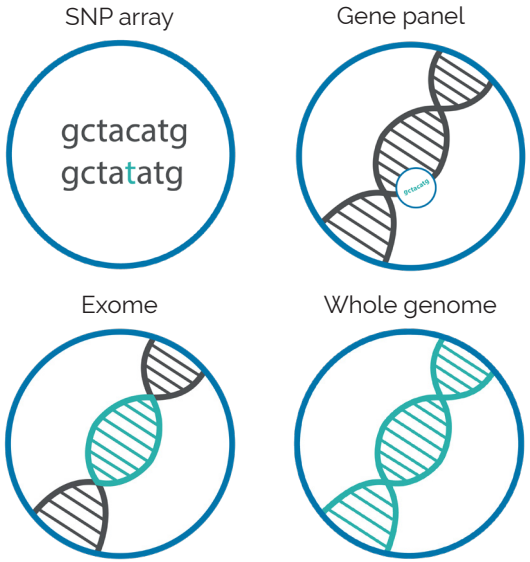
Your health is important to you. Genomic Inform™ is a genetic screening test that provides a powerful tool to help you identify predisposing health risks encoded in your DNA. Risks that may have the potential to affect your future health, or the health of your children. Risks that once made aware, it may be possible to delay, diminish or avoid the effects of through lifestyle or preventative healthcare changes, or through identifying problems as early as possible with timely screening.

Why Genomic Inform™ test?

Only Genomic Inform™ uses the most advanced sequencing technology and data analysis algorithms available. The result is a single genetic test that provides a comprehensive view of your DNA. More conditions are covered, plus more hard to detect variants (DNA changes that cause disease or increase the risk of developing a disease) are found.

Advanced technology

Many genetic tests use sequencing technologies which look at only a small fraction of your DNA. Exomes cover 2% of our DNA while targeted gene panels cover less than 0.02% and SNP arrays cover less than 0.01%. In contrast, Genomic Inform™ uses whole genome sequencing (WGS) which looks at your entire DNA. But complete DNA sequencing alone isn't enough. Genomic Inform™ pairs WGS with proprietary data analysis algorithms that detect more different types of variants than any other WGS-based test.



Many tests in one

By looking at your entire DNA, Genomic Inform™ screens for predisposition to an unlimited number of conditions with a single test. Genomic Inform™ looks for variants that can increase your lifetime risk of developing cancer. It also looks for variants that can affect heart health, predispose you to diabetes or autoimmune disease, lead to early onset Alzheimer's disease and much more. With awareness comes the ability to potentially minimize or address identified risks.

If you're of childbearing age, Genomic Inform™ screens for carrier mutations responsible for the more than 7,000 rare inherited disorders described in the scientific literature. As a silent, unaffected carrier of a rare disease mutation, an individual has a 50% chance of unknowingly passing the mutation on to each of their children. Genomic Inform™ uncovers these mutations, enabling follow up genetic testing for your reproductive partner and, if needed, use of preimplantation genetic diagnosis (PGD) to avoid the possibility of a child being affected by the mutation.

In addition to providing insight into disease risk and carrier status, Genomic Inform™ screens for pharmacogenomic variants that influence how well you respond to different drugs, helping guide the choice of medication or dosage while reducing the chance of side effects.

More variants detected

Genomic Inform™ is a highly sensitive genetic test that identifies hard-to-detect variants like the pathogenic BRCA1 ex9-12del variant that occurs in >10% of breast cancer patients of some ethnicities. Or like FMR1 premutation repeat expansion alleles which 1 in 178 women silently carry, potentially leading to fragile X syndrome in their children. Detection of these types of variants often require independent, targeted testing, but Genomic Inform™ includes them, and many others, within a single test. While a negative genetic test result can never completely rule out the possibility of an undetected pathogenic variant, Genomic Inform™ provides greater confidence that all relevant variants have been screened.

Free data reanalysis

New information about variants and genes associated with disease becomes available every day. Similarly, data analysis algorithms continue to evolve and improve. This is why Genomic Inform™ includes the option to reanalyze your data in the second and fourth year following the original analysis. Without collecting a new sample, performing new sequencing or charging extra fees.