PLANNING FOR A FAMILY IS A BIG DECISION.

MAKE IT AN EDUCATED ONE WITH GENETIC CARRIER SCREENING.

Clarity Genetics

SEE YOUR FUTURE WITH CLARITY.

The best prevention is knowing your risk.

Clarity Genetic Carrier Screening is one of the world's most accurate tests for detecting genetic markers that may affect pregnancy and future child development. With over 99% accuracy, doctors rely on best-in-class Clarity genetic screening as trusted tools for early family planning, giving couples peace of mind and a better outlook for the years ahead.

Ask your doctor about Clarity genetic carrier screening today, and feel confident about tomorrow.

Clarity Genetics LLC is a leading clinical molecular diagnostics laboratory delivering accurate and precise genetic screening detection rates. Unlike other laboratories, Clarity's technology examines the entire gene rather than parts of the gene, giving families a comprehensive assessment of their true risk. We pride ourselves in the assurance we bring to the futures of families everywhere.

Clarity Genetics

PRECISE GENETIC CARRIER SCREENING
www.claritygx.com
Customer Service: 866-661-7966

v4A16

Clarity Genetics

There are many unknowns in life.

FAMILY PLANNING DOESN'T HAVE TO BE ONE OF THEM.

PRECISE GENETIC CARRIER SCREENING

UNIVERSAL PANEL
UNIVERSAL PANEL ADVANTAGE

Know Your Risk

One test is all it takes
to plan for a lifetime.

Knowing your actual risk is critical because the results can impact the course of your family's life.

WHO SHOULD BE SCREENED?

- All individuals of child bearing age, regardless of gender.
- All individuals with a family history of genetic diseases.
- All individuals with partners that are carriers of a genetic disease.
- Pregnant women.
- Those considering donor egg or sperm pregnancy regardless of sexual orientation.

HOW IS THE TEST PERFORMED?

With a simple blood test, the Universal Panel will identify the actual likelihood of your child inheriting any one of these common genetic diseases. Should test results indicate you and your partner are carriers, additional testing can be performed during pregnancy to see if your child will be affected.

With this **one simple test**, we can identify with pinpoint accuracy the likelihood of your child inheriting a common genetic disease. We can give you **peace of mind** for better years ahead, just like we've provided to so many other couples.

Common Genetic Diseases

The Universal Test Panels are the most comprehensive panels for the top commonly inherited genetic diseases. With over 99% accuracy, Clarity Genetics' Universal Panels provide confidence and certainty in genetic carrier status.

Universal Panel	Carrier Frequency
Gaucher Disease Type 1	1 in 119
Tay-Sachs Disease	1 in 300
Cystic Fibrosis (CF)	1 in 30
Familial Dysautonomia	< 1 in 1000
Spinal Muscular Atrophy	1 in 40
Canavan Disease	< 1 in 500
Fragile X Syndrome	1 in 250
Familial Hyperinsulinism (FHI)	1 in 250
Glycogen Storage Disease Type 1A	1 in 158
Maple Syrup Urine Disease	1 in 215
Fanconi Anemia Type C	< 1 in 1000
Nieman-Pick Disease Type A/B	1 in 249
Joubert Syndrome	< 1 in 500
Dihydrolipoamide Dehydrogenase Deficiency (DLD)	1 in 500
Bloom Syndrome	< 1 in 1000
Usher Syndrome Type III	< 1 in 1000
Walker-Warburg Syndrome	1 in 188
Mucolipidosis IV	1 in 500
Usher Syndrome Type 1F	< 1 in 1000
Nemaline Myopathy	1 in 500

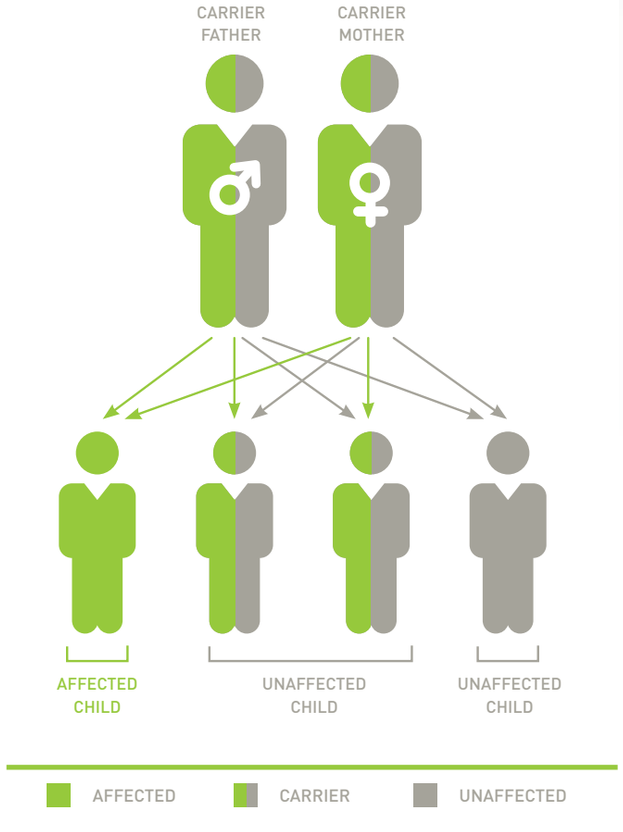
Universal Panel Advantage	Carrier Frequency*
G6PD	1 in 20
Sickle Cell	1 in 20
Alpha Thalessemia	1 in 112
Beta Thalessemia	1 in 67

**Recommended for all individuals of Southeast Asian, Mediterranean, or African descent. Carrier rates vary by ethnicity.*

Inheritance Factors

HOW ARE GENETIC DISEASES INHERITED?

You inherit two copies of every gene—one from your mother and one from your father. If you have one normal gene and one abnormal gene predisposing a recessive genetic disease, then you are a carrier. While carriers are not affected with the disease, they can pass on the abnormal gene to future generations. If you and your partner are both carriers of the same genetic disease, there is a 25% chance your child will inherit two copies of the abnormal gene and become affected by the genetic disease.



INFORMED CONSENT/DECLINE FOR CLARITY GENETIC CARRIER SCREENING

I have read, or had read to me, the information in this brochure, and I understand it. Before signing this form, I have discussed the Universal Test Panel screening further with my doctor, an individual my doctor designated, or with a genetics professional.

I have all the information I want, and all my questions have been answered. I decided that:

Please check the box next to your choices.

☐ I WANT ☐ I DO NOT WANT
Clarity Universal Panel screening.

☐ I WANT ☐ I DO NOT WANT
Clarity Universal Panel Plus screening.

☐ I WANT ☐ I DO NOT WANT
Clarity Universal Panel Advantage screening.

Patient Signature

Date

You should be certain you understand the following points:

1. The purpose of the screening test is to determine whether I am a carrier of any of the diseases in the Universal Panel, as I have indicated by circling my choices above.
2. The decision to have genetic carrier screening is completely mine.
3. The screening test does not detect all genetic carriers.
4. If the test determines I am a carrier, testing my partner will help me learn more about the chance that our baby could have the genetic disease.
5. If I or my partner is a carrier and the other is not, it is still possible that our baby will have the genetic disease, but the chance is very small.
6. If both I and my partner are carriers, prenatal testing can be done to find out whether or not the baby has inherited the genetic disease.
7. The laboratory needs accurate information about my family history and ethnic background for the most accurate interpretation of the test results.
8. No other test will be performed and reported on my sample unless authorized by my doctor, and any unused portion of my original sample will be destroyed within two months of receipt of the sample by the laboratory.
9. The laboratory will disclose the test results only to my doctor or to his/her agent, unless otherwise authorized by me or required by law.

This consent form is provided by Clarity Genetics LLC as a courtesy to physicians and their patients.