



**Learn more at genesisregenerative.com
where you can find the following information:**

- An introduction to regenerative medicine
- Pharmacogenomic Testing Definition & Benefits
- Nutrigenomic Testing Definition & Benefits
- Educational videos and downloadable brochures
- Published clinical research and journal articles
- Laboratory quality standards, FDA registration, and third-party testing
- Patient experience videos



Patient Resources

Precision Genomic Testing (PGX & NGX)

**Optimize Your Health
& Wellness by
Understanding Your
Genetic Profile**

Roadmap to Better Health



ASSESS



REPAIR



MAINTAIN



Why PGX / NGX Testing?

Every patient is biologically unique. While two patients may share the same diagnosis, the factors contributing to their symptoms can differ significantly.

Genetic variations, nutritional status, inflammation, metabolic function, hormone balance, environmental exposures, and other biological factors may all influence health and response to treatment.

Many clinicians believe obtaining additional biological information before developing a treatment plan can help support a more individualized approach to patient care.

What Are PGX & NGX Tests?

PGX (Pharmacogenomic) Testing evaluates selected genetic variations that may influence how an individual metabolizes certain medications.

NGX (Nutrigenomic) Testing evaluates a broad range of biomarkers associated with nutritional status, inflammation, metabolism, immune function, hormones, oxidative stress, gastrointestinal health, environmental exposures, & other biological processes.

Together, these tests may provide physicians with additional information to support individualized clinical decision-making.

What Information Will Be Evaluated?

- Medication metabolism (PGX)
- Vitamin and nutrient status
- Inflammatory markers
- Oxidative stress
- Mitochondrial function
- Detoxification pathways
- Hormone balance
- Gut health and microbiome markers
- Food sensitivities
- Environmental toxin exposure
- Cardiometabolic biomarkers
- Immune system function

How Are Results Used?

Your physician will review your PGX / NGX results in conjunction with your:

- Medical history
- Current symptoms
- Previous treatments
- Laboratory findings
- Physical examination
- Treatment goals

Testing is one component of a comprehensive clinical evaluation. The information will help your physician customize treatment options that are most appropriate for your individual healthcare needs.