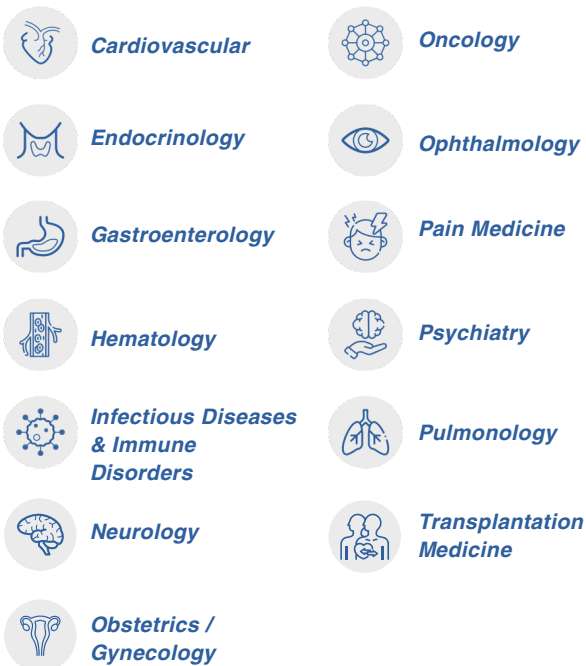


What will you get?

The report includes the analysis of specific variants in 25 genes related to 129 active ingredients, including brief recommendations based on clinical guidelines.

Report Medical Areas



The percentage of hospital admissions due to adverse drug reactions is around 3.5%

How to start?

1. The physician prescribes the test.
2. iGenetx provides a kit to collect the sample.
3. Sample is sequenced and analyzed at the laboratory.
4. Report is delivered to the physician who will discuss the results with the patient.

14/03/2025 P.B.MPGX_EN_V2.0

About iGenetx

At iGenetx, we are pioneers in genetic testing and personalized health solutions. Founded with the vision of bringing genetic science closer to everyday health, we are Egypt's pioneers in DNA-driven wellness.

Using state-of-the-art technologies and the highest safety standards, iGenetx helps individuals, healthcare professionals, and institutions worldwide to understand and anticipate genetic risks, enabling more informed and proactive health decisions. With a focus on innovation and accessibility, iGenetx transforms the way we understand and care for health at every stage of life



info@iGenetx.com | iGenetx.com



my Pharma

Advanced pharmacogenomic test
based on clinical guidelines



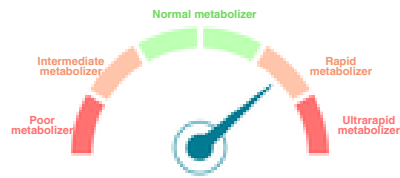
Around 20-95% of variability in drug effects in the organism is related to genetics

What is myPharma?

It is a comprehensive pharmacogenomic (PGx) test developed to improve drug prescription in several medical areas based on the genetic makeup.

Based on the most relevant guidelines

myPharma has been developed according to the most updated international pharmacogenomic guidelines. Only genes and medications with high level of evidence are included in the report.



The ability of an individual to process drugs can be slower or faster than the general population, affecting the drug toxicity and efficacy.

Why is pharmacogenomics important?

Pharmacogenomics is the study of how genes influence an individual's response to medications. PGx profile can establish if a drug is effective for a specific patient or if it is likely to cause an adverse reaction.

myPharma provides relevant information to:

- Reduce or avoid adverse effects of medication.
- Select the most effective medication and dosage.
- Reduce time and resources finding the most appropriate medication.
- Provide a lifetime personalized drug prescription.

Average percentage of patients for whom a certain type of drug is ineffective

Antidepressants (SSRIs)

38%



Oncology

75%



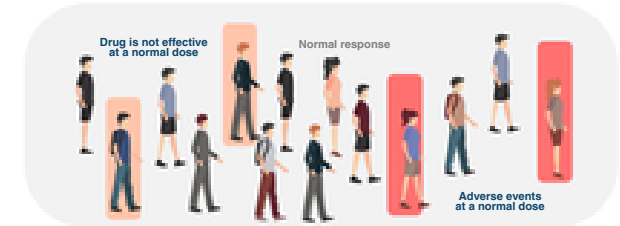
Who is it for?

myPharma is for everyone. The genetic analysis is performed once in a lifetime, and it is useful for both current and future drug prescription. It is particularly indicated for patients on multiple medications.

Drug prescription without myPharma



Drug prescription with myPharma



myPharma through life



Pain Medicine

Symptoms: Moderate pain / Fever

Drug: Ibuprofen

myPharma: The patient has a variant in CYP2C9 gene causing a slow drug metabolism increasing the risk of adverse events such as gastrointestinal bleeding or kidney damage

Recommendations: Reduce dose



Psychiatry

Symptoms: Anxiety / Depression

Drug: Paroxetine

myPharma: The patient has a variant in CYP2D6 gene that cause an accelerated metabolism reducing significantly the efficacy of the drug

Recommendations: Alternative agent



Cardiology

Symptoms: High LDL-cholesterol

Drug: Simvastatin

myPharma: The patient has a variant in SLCO1B1 gene associated with a higher risk of having a statin-associated myopathy

Recommendations: Alternative agent