

Information for patients

Personalising your medication

Pharmacogenomic (PGx)
genetic testing



Every patient is different. When prescribing medication, your doctor chooses the type and dose of medicine that will usually work for people with that condition. However, what works for others may not necessarily be the best choice for you.

The Sonic PGx Panel is a genetic test that helps your doctor to provide the optimal prescription for you.



Arranging a test

- 1 Your doctor will have completed a Pharmacogenomic (PGx) panel request form, providing details regarding:

 - Your clinical history and diagnosis
 - The medicines you are currently taking
 - The medicines that may be prescribed in the future
 - The medicines with which you have had problems

- 2 Your blood sample can be taken at any of our pathology collection centres. No special preparation or booking is necessary.

- 3 Your sample is tested at one of our Australian laboratories, supervised by a genetic pathologist.

- 4 Your result is reported back to your doctor, usually within 10 business days of the laboratory receiving your blood sample.

Cost

Please refer to our website for current pricing, www.sonicgenetics.com.au. A Medicare rebate is not available for the Sonic PGx Panel and this test is privately billed.

You will receive an invoice for the test after the blood sample has been collected.

Your body is personal. Your medicine should be too.

Genetic variations make us all unique, and they can also influence the way our bodies respond to certain medicines. For example, some genetic variations change a person's response to a medicine, so they may need to be prescribed a higher or lower dose than usual, or may need to use a different medicine.

The study of how genetic variations affect our response to medicine is called pharmacogenomics (PGx).

One blood test is all it takes

The Sonic PGx Panel is a blood test that examines the genetic variations you have in 10 specific genes.

The PGx report informs your doctor of genetic variations that may influence how you respond to specific medicines.

The Sonic PGx Panel covers a suite of medications used to treat conditions, including:

- Cardiology
- Diabetes
- Gastroenterology
- Genetic disorders
- Infectious diseases
- Neurology
- Mental health
- Pain management
- Rheumatology
- Transplantation
- Urology

When a PGx test is worth considering

Pharmacogenomics is an emerging area of pathology, and our understanding of the impact of genes on a person's response to medicines is growing rapidly. For many common medicines, a PGx test can help your doctor to provide the optimal prescription for you.

The results of a PGx test are likely to be most useful if you are:

- Experiencing unwelcome side-effects from your medicine
- Not responding as expected to your medicine
- About to commence a medicine where PGx has been shown to be useful

Please note, there are some medicines for which a PGx test is unlikely to provide useful information. Additionally, the pharmacogenomic guidance in a Sonic PGx Panel report may not be valid in patients under 18 years of age.

How you will receive your test results

A comprehensive report is sent to your doctor. This report covers the medicines you are currently taking (if these were specified on the request form), as well as guidance regarding medicines you may be prescribed in the future.

Please note that this report is only one factor that your doctor will use in deciding what medicines and dose to prescribe for you. Your doctor will look at many factors, including the PGx report, in deciding what is best for you.

Sonic Genetics is part of Sonic Pathology Australia, the largest pathology provider in the country. Our state-of-the-art laboratories and extensive network of collection centres serve each state and territory capital, as well as regional and rural Australia.

Douglass Hanly Moir Pathology

Sullivan Nicolaides Pathology

Melbourne Pathology

Barratt & Smith Pathology

Capital Pathology

Clinipath Pathology

Bunbury Pathology

Clinpath Pathology

Hobart Pathology

Launceston Pathology

North West Pathology

Southern.IML Pathology



Testing is performed in Australia at one of our NATA-accredited laboratories.

For further information, please refer to our website, www.sonicgenetics.com.au/pgxp or call us on 1800 010 447

Sonic Pathology Australia

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