Your comprehensive genetic testing service

Sonic Genetics brings together the national and international expertise of Sonic Healthcare to provide doctors, patients and families across Australia with a comprehensive range of accredited genetic tests. As one of Australia’s largest private genetic testing facilities, Sonic Genetics understands that genetic testing is a complex and emerging field of medicine. We provide detailed explanations and resources to allow people to make informed choices about medical decisions.

Our services

- **DNA RELATIONSHIP TESTING**
  Defining the genetic relationship between people or tissue samples using DNA markers.

- **ONCOLOGY**
  Mutation analysis of cancers to help clarify diagnosis, prognosis and therapeutic decisions in cancer care.

- **FAMILIAL DISORDERS**
  Identifying the genetic basis of familial disorders that affect children and adults.

- **PAEDIATRIC DISORDERS**
  Childhood-onset disorders due to new cytogenetic abnormalities and inherited mutations.

- **GENETIC COUNSELLING**
  Providing access to counselling services to assist in the management of genetic testing in families.

- **PHARMACOGENETICS**
  Analysis of genes involved in drug metabolism and hypersensitivity, allowing clinicians to prescribe with confidence.

- **IMMUNOLOGY**
  Analysis of genes modifying the risk of disease or responsible for familial disorders of the immune system.

- **REPRODUCTIVE HEALTH**
  Screening of couples prior to conception, or during early pregnancy, including non-invasive prenatal testing.

With the ever-increasing expansion of genetics and genomics across all facets of medicine, we are constantly reviewing available test options and building on our assay menu.

For a full list of our assay menu, please visit our website www.sonicgenetics.com.au
Sonic Genetics employs a team of full-time genetic pathologists who oversee all our genetic testing and reporting nationally. Our specialised genetic testing laboratories, located in New South Wales, Queensland and Victoria, are fully NATA-accredited.

Our Genetic Pathologists

**Professor Graeme Suthers**  
BSc (Med), MBBS, PhD, FRACP, FRCPA, GAICD  
Director – Genetics, Sonic Healthcare (Australia)

Professor Graeme Suthers is one of Australia's most respected experts in the field of genetics. With an outstanding career and extensive experience in genetics, healthcare and research, Professor Suthers is nationally and internationally recognised for his expertise in genetic disorders, testing and clinical service provision. His goal is to provide genetic services of the highest quality and utility to patients, families and managing clinicians.

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**Dr Kym Mina**  
MBBS, PhD, FRCPA (Genetics)  
Director – Genetics, Douglass Hanly Moir Pathology

Dr Kym Mina is a medical graduate of the University of Western Australia, with a PhD in epidemiology that was supported by an NHMRC scholarship. She was awarded her FRCPA having attained broad experience in both molecular genetics and cytogenetics in Australia and New Zealand. Dr Mina has a keen interest in translation of new technologies, including massively parallel sequencing to routine genetic testing, and a passion for building relationships between clinical services and the laboratory. She also has longstanding involvement in the teaching of medical and science students and, more recently, supervision of pathology trainees.

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**Dr James Harraway**  
MB ChB, FRCPA, DPhil  
Director – Genetics, Sullivan Nicolaides Pathology

Dr James Harraway's interest in genetics stems back to high school in New Zealand, when he was introduced to concepts such as round and wrinkled peas, and Punnett squares, which are used to determine the probability of an offspring having a particular genotype. A few years after working as a junior doctor, he learned about the (then) relatively new subspecialty of genetic pathology, and started his specialist training. Dr Harraway is interested in all areas of genetics, and has particular expertise in inherited and somatic (oncology) genetic testing, and molecular cytogenetics.

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Sonic Genetics is a member of the Sonic Healthcare group, one of the world's largest medical diagnostic companies with international operations.

Within Australia, Sonic Healthcare delivers pathology services through our local entities:

**ACT**  Capital Pathology

**NSW**  Douglass Hanly Moir Pathology  
Barratt & Smith Pathology  
Southern IML Pathology

**QLD**  Sullivan Nicolaides Pathology

**SA**  Clinpath Laboratories

**TAS**  Hobart Pathology  
Launceston Pathology  
North West Pathology

**VIC**  Melbourne Pathology

**WA**  Clinipath Pathology

For further information, including scientific and peer-reviewed publications, please refer to our website: www.sonicgenetics.com.au or email us at info@sonicgenetics.com.au or call 1800 010 447.